



November 18, 2022

VIA EMAIL

Ms. Lisa Graczyk
U.S. Environmental Protection Agency
77 West Jackson Blvd.
Chicago, IL 60604

**RE: Quarterly Monitoring Report
October 2022 Sampling Event
CECOS International, Inc.
Aber Road Facility, Williamsburg, Ohio
EPA I.D. # OHD-087-433-744**

Dear Ms. Graczyk:

Please find the attached Quarterly Monitoring Report for the October 2022 sampling event completed at CECOS International, Inc.'s (CECOS) Aber Road facility. The report was prepared by Eagon & Associates, Inc. on behalf of CECOS and contains a discussion of the October 2022 sampling results for Toxic Substances Control Act (TSCA) parameters collected from the surface water points, leak detectors, and underdrains. It is noted that there was one suspect, very low-level detection of 1,2-dibromoethane (EDB) during the event in underdrain sample U-22A located outside the slurry wall. The detection is believed to be the result of laboratory error or field or laboratory cross-contamination and will be further investigated during the next routine quarterly monitoring event scheduled for January 2023.

Hardcopies of any items in the report are available upon request. Please contact me at (513) 724-6114 if you have any questions regarding this correspondence.

Sincerely,
CECOS International, Inc.



Butch Bradburn
Environmental Manager

Attachment

cc:
Michael Beedle, US EPA Region 5
Randy Kirkland, Ohio EPA SWDO
Hannah Lubbers, Director – OEQ, Clermont County
Joe Montello, Republic Services, Inc.
Michael Gibson, Eagon & Associates, Inc.
File: B.1

QUARTERLY MONITORING REPORT

OCTOBER 2022 SAMPLING EVENT

Prepared for:

CECOS International, Inc.
Aber Road Facility
Williamsburg, Ohio

EPA I.D. OHD 087 433 744

Prepared by:



November 2022

Eagon & Associates, Inc.
100 West Old Wilson Bridge Road, Suite 115
Worthington, Ohio 43085
(614) 888-5760

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1.0 INTRODUCTION

On behalf of the CECOS International, Inc. Aber Road Facility, Eagon & Associates, Inc. (Eagon) has prepared this Quarterly Monitoring Report for the October 2022 surface water, leak detector, and underdrain sampling results. Samples for the Site's US EPA Toxic Substances Control Act (TSCA) parameters were collected by Eagon and laboratory analyses were performed by Eurofins Buffalo of Amherst, New York. The October 2022 quarterly monitoring sampling event was performed October 3-5, 2022. The event included sampling of the designated leak detectors, underdrains, and surface water monitoring locations at the facility.

TSCA monitoring requirements were established with US EPA's July 31, 1981 approval to dispose polychlorinated biphenyls (PCBs) in planned Secure Chemical Management Facilities (SCMFs) 6 through 17 (SCMFs 11 through 17 were never constructed) and, after negotiated revisions, were originally outlined in the March 13, 1984 document entitled "TSCA Monitoring Program." The original TSCA monitoring approach included monitoring of the leak detectors, underdrains and surface water (LD/UD/SW), as well as a site-wide TSCA-specific groundwater monitoring component that focused on both the pre-RCRA units and the RCRA regulated units at the Site. The LD/UD/SW component continues within that framework on a quarterly basis and the results for the most recent monitoring event are presented in this report.

With the later development of tailored, regulatory-program specific groundwater monitoring programs for the pre-RCRA and RCRA areas, the site-wide TSCA groundwater monitoring component was transitioned to and captured within those programs. The RCRA Detection Monitoring Program (DMP) for groundwater was originally proposed in 1989, was fully implemented by 1994, and applies to the RCRA regulated units located outside of the Corrective Measures Implementation (CMI) slurry wall. The current groundwater DMP is specified in the Detection Monitoring Plan which is part of the August 2022 RCRA Post-Closure Plan. The CMI post-construction groundwater monitoring program applies to the pre-RCRA areas and SCMFs 3 and 4/5 and was implemented in 1998 according to the monitoring approach outlined in the August 1996 Quality Assurance Project Plan and the March 1998 and November 1998 revisions to the CMI O&M Manual. The DMP is managed by Ohio EPA, whereas the facility's CMI program is

managed by US EPA. The DMP and CMI groundwater monitoring programs fulfill the facility's TSCA groundwater monitoring obligations via the sampling and analysis for PCBs and total organic carbon (TOC), in addition to volatile organic compounds (VOCs) specific to the DMP and CMI programs. All groundwater monitoring results collected semiannually as part of the DMP and CMI programs are reported separately to Ohio EPA and US EPA's RCRA division and are not presented herein.

2.0 SURFACE WATER SAMPLING

Pleasant Run Creek is west of the Site and generally flows south, then bears southeastward downstream toward its confluence with the East Fork of the Little Miami River located approximately two miles from the Aber Road facility. The East Branch of Pleasant Run Creek is south and east of the Site and flows southwest toward its confluence with Pleasant Run Creek at the southwestern corner of the Site (Figure 1). Surface water samples are collected on a quarterly basis at five designated sampling stations: C-2, C-6, C-9, C-10, and C-12. Locations C-2, C-6, C-9, and C-10 are located on Pleasant Run Creek (Figure 1). Location C-12 is on the East Branch of Pleasant Run Creek slightly upstream of the confluence. C-9 is the upstream/background location. C-6 is downstream of the confluence and the most downstream surface-water monitoring point.

To collect the surface water samples, the samplers position themselves downstream from each stream sample station in as near to the middle of the stream channel as possible. Pre-cleaned sample containers are then partially inverted and slowly submerged into the water. The container is then slowly rotated upright until filled and is then removed from the stream and capped. This procedure is continued until all containers are filled. Stream locations are sampled from downstream to upstream to prevent potential impacts on sample integrity or representativeness that could result from entering the stream upstream of a sampling point (e.g., by suspending sediment). If there is no discernible stream flow at the respective sample location, samples are not collected.

All five stream monitoring locations were flowing during the October 2022 event and were sampled for VOCs, PCBs, and TOC.

3.0 LEAK DETECTOR SAMPLING

Leak detection systems are installed between the primary and secondary liners of SCMFs 9 and 10. These systems provide additional means to aid in the detection of contaminants in the event there is a release through the primary liner from these regulated units. Liquid within the leak detectors is collected by pumping from the riser pipes connected to the leak detection systems. The riser pipes provide access to the hydraulically interconnected components of the leak detection systems for a given cell and are identified as LD-1 and LD-2 for SCMF 9, and LD-3 and LD-4 for SCMF 10 (Figure 1).

Each leak detector riser is evacuated with a dedicated electric submersible pump. The leak detectors are purged dry or until approximately 200 gallons of water have been purged, whichever occurs first. Purge water is contained and transferred to the Site's leachate collection system. Samples are collected immediately following purging unless the location purges dry. In that case, sufficient time is allowed for recovery and the sample is then collected; typically, during the same day and no more than 24 hours after purging is completed.

The leak detectors were sampled for VOCs, PCBs, and TOC during the October 2022 quarterly monitoring event.

4.0 UNDERDRAIN SAMPLING

SCMFs 3 through 10 were constructed with underdrain dewatering systems that were operated to facilitate construction of the units. The underdrains lie below the liner systems and are in contact with natural geologic materials. The underdrains are now sampled as part of the quarterly monitoring program for the facility. The design and construction details vary between each SCMF and are documented in Section 1.2 of the RCRA Facility Closure Plan. Underdrain riser locations are shown on Figure 1 herein.

Underdrains are evacuated in a manner similar to the leak detectors using dedicated electric submersible pumps. Each underdrain is purged until approximately 200 gallons of water have

been evacuated. Purge water is contained and transferred to the Site's leachate collection system. Underdrain samples are collected immediately following purging.

The underdrains were sampled for VOCs, TOC, and PCBs during the October 2022 quarterly monitoring event. Underdrain U-9 is permanently inoperable and was not sampled during the event. U-9 is located beneath SCMF 4/5, within the Corrective Measures Implementation (CMI) area slurry wall (Figure 1). Underdrains U-10, U-11, and U-12 are also located beneath SCMF 4/5 and continue to be sampled on a quarterly basis.

5.0 ANALYTICAL RESULTS

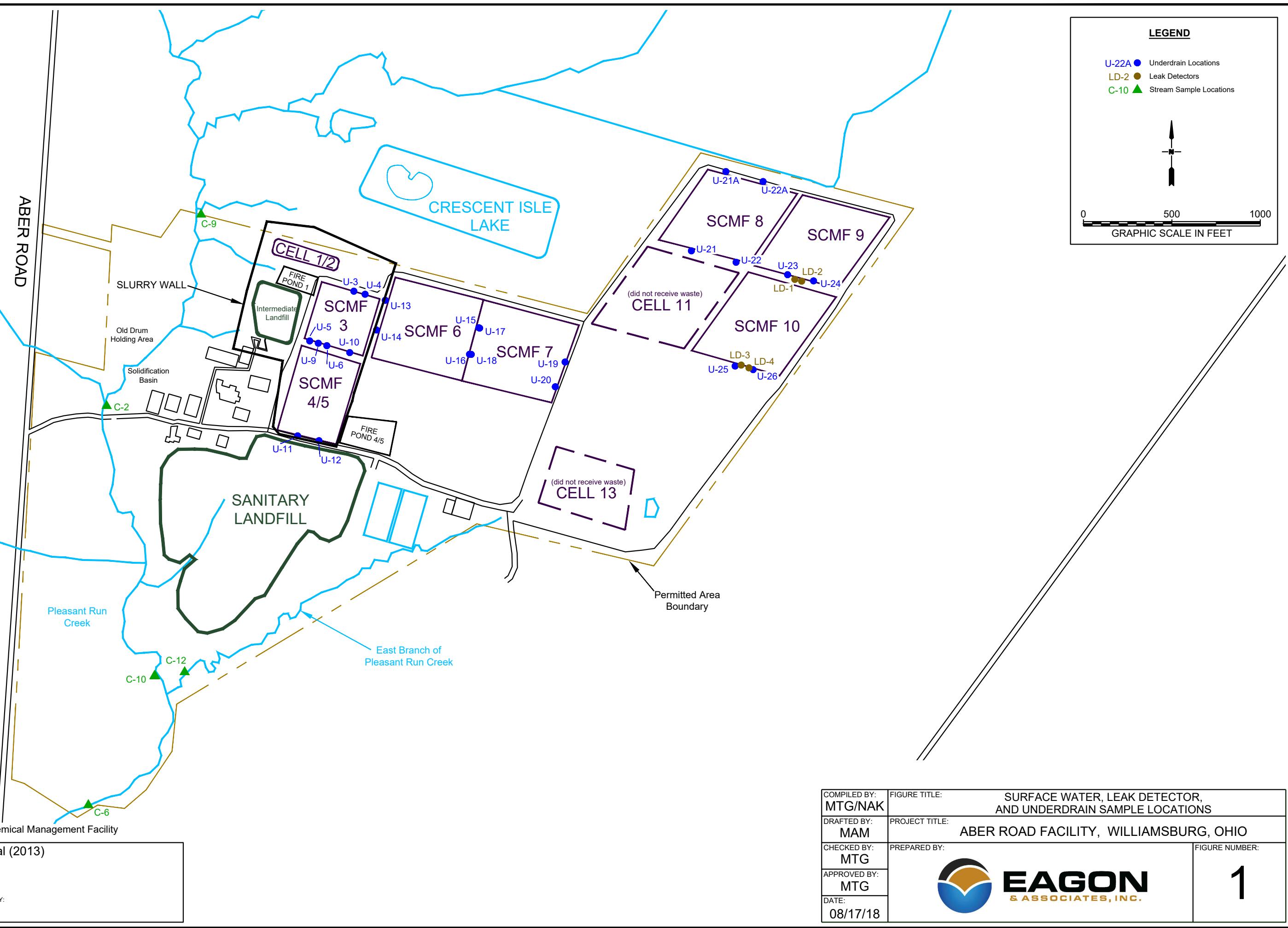
There were no quantified detections of VOCs in the surface water samples. In addition, there were no quantified detections of VOCs in samples from the leak detectors or underdrains located outside of the CMI area during the October 2022 event, with the exception of an anomalous, low-level detection of 1,2-dibromoethane (syn. ethylene dibromide or EDB) reported for underdrain location U-22A (0.016 ug/L). EDB results are reported down to parts per trillion levels and the reported concentration was well below the maximum contaminant level of 0.05 ug/L. The concentration was also only nominally above the laboratory practical quantitation limit of 0.011 ug/L and the method detection limit of 0.0076 ug/L. EDB is analyzed using Method 8011 and the laboratory has reported unverified, false-positive Method 8011 detections for Site samples in sporadic instances, at different sample points in the past. Therefore, the reported low-level detection of EDB at U-22A is considered suspect and is believed to be the result of either laboratory error or field or laboratory cross-contamination. Nonetheless, the anomalous detection of EDB will be further investigated during the first quarter 2023 routine TSCA monitoring event scheduled for January 2023. The January 2023 event will be considered a verification event to confirm or deny the presence of this compound at LD-1 during the July 2022 event. A similar, low-level detection for EDB was observed at sample point LD-1 (0.0015 ug/L) during the July 2022 event. The sample result for EDB at LD-1 was nondetect during the October 2022 sampling event; therefore, the July 2022 detection was not confirmed.

VOC detections in the October 2022 underdrain samples are summarized in Table 1. Underdrains U-3, U-4, U-5, U-6, and U-12, which are located beneath units contained within the slurry wall, exhibited quantified VOC detections of constituents that are commonly detected at those locations. Concentrations of those VOCs observed during the event were within the range of concentrations observed during previous monitoring events.

There were no detections of PCBs in any of the surface water, leak detector or underdrain samples collected during the event, which is consistent with past events.

The analytical results from the October 2022 quarterly monitoring event including field information logs and chain-of-custody records, are presented herein in Appendix A.

FIGURES



TABLES

TABLE 1.
VOC DETECTIONS IN UNDERDRAINS
OCTOBER 2022 QUARTERLY MONITORING EVENT
CECOS INTERNATIONAL, INC. - ABER ROAD FACILITY

Location	Detected Constituent ²	Concentration (ug/L)
U-3 ¹	1,1-Dichloroethane	20
	1,2-Dichloroethene (Total)	17
	Vinyl Chloride	1.4
DUP TSCA #3 (U-3)	1,1-Dichloroethane	19
	1,2-Dichloroethene (Total)	17
	Vinyl Chloride	1.4
U-4 ¹	1,1-Dichloroethane	6.7
	1,2-Dichloroethene (Total)	24
	Vinyl Chloride	3.8
U-5 ¹	1,1-Dichloroethane	8.5
	1,2-Dichloroethene (Total)	20
	Vinyl Chloride	1.0
U-6 ¹	1,1-Dichloroethane	22
	1,2-Dichloroethene (Total)	13
U-12 ¹	1,2-Dichloroethene (Total)	12
	Vinyl Chloride	1.5
U-22A	1,2-Dibromoethane	0.016

Notes:

¹ Underdrain located beneath units contained within the CMI area slurry wall

² Constituents reported by the laboratory as estimated concentrations ("J") below the practical quantitation limit are not shown, if applicable

APPENDIX A.

**LABORATORY ANALYTICAL REPORT, FIELD
INFORMATION FORMS, AND
CHAIN-OF-CUSTODY RECORDS
OCTOBER 2022 QUARTERLY MONITORING EVENT**



Environment Testing
America



ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-202410-1

Client Project/Site: Aber Rd. Landfill - TSCA Quarterly

For:

Republic Services Inc
5092 Aber Road
Williamsburg, Ohio 45176

Attn: Mr. Andrew Thompson

Authorized for release by:

10/25/2022 11:39:05 AM

Brian Fischer, Manager of Project Management

(716)504-9835

Brian.Fischer@et.eurofinsus.com

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results through



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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Manager of Project Management
10/25/2022 11:39:05 AM

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Definitions/Glossary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time

General Chemistry

Qualifier	Qualifier Description
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Job ID: 480-202410-1

Laboratory: Eurofins Buffalo

Narrative

**Job Narrative
480-202410-1**

Comments

No additional comments.

Receipt

The samples were received on 10/6/2022 10:00 AM, 10/6/2022 10:30 AM and 10/7/2022 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 1.4° C, 1.9° C, 2.1° C, 2.4° C, 2.9° C and 3.0° C.

Receipt Exceptions

The following samples were listed on the Chain of Custody (COC); however, no samples were received: U-15 (480-202457-1), U-17 (480-202457-2), U-16 (480-202457-3), U-18 (480-202457-4), U-22A (480-202457-5) and U-21A (480-202457-6).

Delayed coolers/samples were received by lab on 10/10 at a temp of 10.8°C. Samples were placed on hold pending client/PM resolution. Client instructed us to proceed.

U-15 (480-202457-1), U-17 (480-202457-2), U-16 (480-202457-3), U-18 (480-202457-4), U-22A (480-202457-5) and U-21A (480-202457-6)

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-644857 recovered above the upper control limit for 2-Hexanone, 2-Butanone (MEK), 2-Chloro-1,3-butadiene and Tetrahydrofuran. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-15 (480-202457-1), U-17 (480-202457-2), U-16 (480-202457-3), U-18 (480-202457-4), U-22A (480-202457-5), U-21A (480-202457-6) and U-22 (480-202457-8).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-644857 recovered outside control limits for the following analyte: Chloromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: U-15 (480-202457-1), U-17 (480-202457-2), U-16 (480-202457-3), U-18 (480-202457-4), U-22A (480-202457-5), U-21A (480-202457-6) and U-22 (480-202457-8).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-644857 recovered above the upper control limit for 2-Hexanone, 2-Butanone (MEK), 2-Chloro-1,3-butadiene and Tetrahydrofuran. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-15 (480-202457-1), U-17 (480-202457-2), U-16 (480-202457-3), U-18 (480-202457-4), U-22A (480-202457-5), U-21A (480-202457-6) and U-22 (480-202457-8).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-644857 recovered outside control limits for the following analytes: Chloromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-644919 recovered outside acceptance criteria, low biased, for Carbon tetrachloride, Dichlorobromomethane, Chloroform, Chlorodibromomethane, 1,1,1-Trichloroethane, 1,1,1,2-Tetrachloroethane, and Ethylbenzene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 480-645212 recovered outside control limits for the following analytes: Carbon disulfide, Carbon tetrachloride, Dichlorodifluoromethane, 1,1-Dichloroethane, Trichlorofluoromethane and 1,4-Dioxane.

Method 8260C: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: LD-1 (480-202461-3).

Case Narrative

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Job ID: 480-202410-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-645303 recovered above the upper control limit for 2-Butanone (MEK) and 1,4-Dioxane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-4 (480-202410-1), U-5 (480-202410-2), U-6 (480-202410-3), FIELD BLANK TSCA (480-202410-4), C-2 (480-202411-1), C-6 (480-202411-2), C-9 (480-202411-3) and C-10 (480-202411-4).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-645303 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8011: The continuing calibration verification (CCV) associated with batch 480-644303 recovered above the upper control limit for 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-4 (480-202410-1), U-5 (480-202410-2), U-6 (480-202410-3), U-6 (480-202410-3[MS]) and U-6 (480-202410-3[MSD]).

Method 8011: The continuing calibration verification (CCV) associated with batch 480-644618 recovered above the upper control limit for 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-14 (480-202457-14), U-13 (480-202457-15), U-3 (480-202457-16), DUP TSCA 3 (480-202457-17), U-23 (480-202457-18), U-24 (480-202457-19), U-19 (480-202457-20), U-20 (480-202457-21), U-11 (480-202457-22) and U-12 (480-202457-23).

Method 8011: The continuing calibration verification (CCV) associated with batch 480-644928 recovered above the upper control limit for 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-15 (480-202457-1), U-17 (480-202457-2), U-16 (480-202457-3), U-18 (480-202457-4), U-22A (480-202457-5), U-21A (480-202457-6), LD-4 (480-202461-1), LD-3 (480-202461-2) and LD-1 (480-202461-3).

Method 8011: Re-extraction and reanalysis of the following sample was performed outside of the analytical holding time to confirm original results: U-22A (480-202457-5). The results do not confirm, therefore, both sets of data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-645358.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-4

Date Collected: 10/05/22 08:30

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202410-1

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/13/22 22:47	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/13/22 22:47	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/13/22 22:47	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/13/22 22:47	1
1,1-Dichloroethane	6.7		2.0	0.38	ug/L			10/13/22 22:47	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/13/22 22:47	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/13/22 22:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/13/22 22:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/13/22 22:47	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/13/22 22:47	1
1,2-Dichloroethene, Total	24		2.0	0.81	ug/L			10/13/22 22:47	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/13/22 22:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/13/22 22:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/13/22 22:47	1
1,4-Dioxane	ND		40	9.3	ug/L			10/13/22 22:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/13/22 22:47	1
2-Hexanone	ND		10	1.2	ug/L			10/13/22 22:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/13/22 22:47	1
Acetone	ND		10	3.0	ug/L			10/13/22 22:47	1
Acetonitrile	ND		170	4.9	ug/L			10/13/22 22:47	1
Acrolein	ND		20	0.91	ug/L			10/13/22 22:47	1
Acrylonitrile	ND		20	0.83	ug/L			10/13/22 22:47	1
Allyl chloride	ND		2.0	0.44	ug/L			10/13/22 22:47	1
Benzene	ND		2.0	0.41	ug/L			10/13/22 22:47	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/13/22 22:47	1
Bromoform	ND		2.0	0.26	ug/L			10/13/22 22:47	1
Bromomethane	ND		2.0	0.69	ug/L			10/13/22 22:47	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/13/22 22:47	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/13/22 22:47	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/13/22 22:47	1
Chloroethane	ND		2.0	0.32	ug/L			10/13/22 22:47	1
Chloroform	ND		2.0	0.34	ug/L			10/13/22 22:47	1
Chloromethane	ND		2.0	0.35	ug/L			10/13/22 22:47	1
Chloroprene	ND		1.0	0.49	ug/L			10/13/22 22:47	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/13/22 22:47	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/13/22 22:47	1
Dibromomethane	ND		2.0	0.41	ug/L			10/13/22 22:47	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/13/22 22:47	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/13/22 22:47	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/13/22 22:47	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/13/22 22:47	1
Iodomethane	ND		2.0	0.30	ug/L			10/13/22 22:47	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/13/22 22:47	1
Methacrylonitrile	ND		10	0.69	ug/L			10/13/22 22:47	1
Methyl methacrylate	ND		10	0.61	ug/L			10/13/22 22:47	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/13/22 22:47	1
Naphthalene	ND		1.0	0.43	ug/L			10/13/22 22:47	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/13/22 22:47	1
Propionitrile	ND		50	5.8	ug/L			10/13/22 22:47	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-4

Lab Sample ID: 480-202410-1

Matrix: Water

Date Collected: 10/05/22 08:30

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/13/22 22:47	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/13/22 22:47	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/13/22 22:47	1
Toluene	ND		2.0	0.51	ug/L			10/13/22 22:47	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/13/22 22:47	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/13/22 22:47	1
Trichloroethene	ND		2.0	0.46	ug/L			10/13/22 22:47	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/13/22 22:47	1
Vinyl acetate	ND		10	0.85	ug/L			10/13/22 22:47	1
Vinyl chloride	3.8		1.0	0.90	ug/L			10/13/22 22:47	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/13/22 22:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120					10/13/22 22:47	1
4-Bromofluorobenzene (Surr)	103		73 - 120					10/13/22 22:47	1
Toluene-d8 (Surr)	100		80 - 120					10/13/22 22:47	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/06/22 16:22	10/06/22 20:23	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/06/22 16:22	10/06/22 20:23	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:17	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:17	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:17	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:17	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:17	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 08:45	10/14/22 01:17	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 08:45	10/14/22 01:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		19 - 120				10/13/22 08:45	10/14/22 01:17	1
Tetrachloro-m-xylene	81		39 - 121				10/13/22 08:45	10/14/22 01:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.1		1.0	0.43	mg/L			10/18/22 01:31	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.84			SU				10/05/22 08:30	1
Field Conductivity	1381			umhos/cm				10/05/22 08:30	1
Field Temperature	14.6			Degrees C				10/05/22 08:30	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-5

Date Collected: 10/05/22 09:15

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202410-2

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/13/22 23:10	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/13/22 23:10	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/13/22 23:10	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/13/22 23:10	1
1,1-Dichloroethane	8.5		2.0	0.38	ug/L			10/13/22 23:10	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/13/22 23:10	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/13/22 23:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/13/22 23:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/13/22 23:10	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/13/22 23:10	1
1,2-Dichloroethene, Total	20		2.0	0.81	ug/L			10/13/22 23:10	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/13/22 23:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/13/22 23:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/13/22 23:10	1
1,4-Dioxane	ND		40	9.3	ug/L			10/13/22 23:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/13/22 23:10	1
2-Hexanone	ND		10	1.2	ug/L			10/13/22 23:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/13/22 23:10	1
Acetone	ND		10	3.0	ug/L			10/13/22 23:10	1
Acetonitrile	ND		170	4.9	ug/L			10/13/22 23:10	1
Acrolein	ND		20	0.91	ug/L			10/13/22 23:10	1
Acrylonitrile	ND		20	0.83	ug/L			10/13/22 23:10	1
Allyl chloride	ND		2.0	0.44	ug/L			10/13/22 23:10	1
Benzene	ND		2.0	0.41	ug/L			10/13/22 23:10	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/13/22 23:10	1
Bromoform	ND		2.0	0.26	ug/L			10/13/22 23:10	1
Bromomethane	ND		2.0	0.69	ug/L			10/13/22 23:10	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/13/22 23:10	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/13/22 23:10	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/13/22 23:10	1
Chloroethane	ND		2.0	0.32	ug/L			10/13/22 23:10	1
Chloroform	ND		2.0	0.34	ug/L			10/13/22 23:10	1
Chloromethane	ND		2.0	0.35	ug/L			10/13/22 23:10	1
Chloroprene	ND		1.0	0.49	ug/L			10/13/22 23:10	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/13/22 23:10	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/13/22 23:10	1
Dibromomethane	ND		2.0	0.41	ug/L			10/13/22 23:10	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/13/22 23:10	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/13/22 23:10	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/13/22 23:10	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/13/22 23:10	1
Iodomethane	ND		2.0	0.30	ug/L			10/13/22 23:10	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/13/22 23:10	1
Methacrylonitrile	ND		10	0.69	ug/L			10/13/22 23:10	1
Methyl methacrylate	ND		10	0.61	ug/L			10/13/22 23:10	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/13/22 23:10	1
Naphthalene	ND		1.0	0.43	ug/L			10/13/22 23:10	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/13/22 23:10	1
Propionitrile	ND		50	5.8	ug/L			10/13/22 23:10	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-5

Lab Sample ID: 480-202410-2

Matrix: Water

Date Collected: 10/05/22 09:15

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/13/22 23:10	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/13/22 23:10	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/13/22 23:10	1
Toluene	ND		2.0	0.51	ug/L			10/13/22 23:10	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/13/22 23:10	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/13/22 23:10	1
Trichloroethene	ND		2.0	0.46	ug/L			10/13/22 23:10	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/13/22 23:10	1
Vinyl acetate	ND		10	0.85	ug/L			10/13/22 23:10	1
Vinyl chloride	1.0		1.0	0.90	ug/L			10/13/22 23:10	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/13/22 23:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					10/13/22 23:10	1
4-Bromofluorobenzene (Surr)	102		73 - 120					10/13/22 23:10	1
Toluene-d8 (Surr)	100		80 - 120					10/13/22 23:10	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			10/06/22 16:22	10/06/22 20:43
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			10/06/22 16:22	10/06/22 20:43

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 01:31
PCB-1221	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 01:31
PCB-1232	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 01:31
PCB-1242	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 01:31
PCB-1248	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 01:31
PCB-1254	ND		0.50	0.25	ug/L			10/13/22 08:45	10/14/22 01:31
PCB-1260	ND		0.50	0.25	ug/L			10/13/22 08:45	10/14/22 01:31
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		19 - 120					10/13/22 08:45	10/14/22 01:31
Tetrachloro-m-xylene	80		39 - 121					10/13/22 08:45	10/14/22 01:31

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.8		1.0	0.43	mg/L			10/18/22 01:59	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.90			SU				10/05/22 09:15	1
Field Conductivity	1361			umhos/cm				10/05/22 09:15	1
Field Temperature	14.2			Degrees C				10/05/22 09:15	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-6

Date Collected: 10/05/22 10:00

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202410-3

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/13/22 23:33	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/13/22 23:33	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/13/22 23:33	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/13/22 23:33	1
1,1-Dichloroethane	22		2.0	0.38	ug/L			10/13/22 23:33	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/13/22 23:33	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/13/22 23:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/13/22 23:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/13/22 23:33	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/13/22 23:33	1
1,2-Dichloroethene, Total	13		2.0	0.81	ug/L			10/13/22 23:33	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/13/22 23:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/13/22 23:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/13/22 23:33	1
1,4-Dioxane	ND		40	9.3	ug/L			10/13/22 23:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/13/22 23:33	1
2-Hexanone	ND		10	1.2	ug/L			10/13/22 23:33	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/13/22 23:33	1
Acetone	ND		10	3.0	ug/L			10/13/22 23:33	1
Acetonitrile	ND		170	4.9	ug/L			10/13/22 23:33	1
Acrolein	ND		20	0.91	ug/L			10/13/22 23:33	1
Acrylonitrile	ND		20	0.83	ug/L			10/13/22 23:33	1
Allyl chloride	ND		2.0	0.44	ug/L			10/13/22 23:33	1
Benzene	ND		2.0	0.41	ug/L			10/13/22 23:33	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/13/22 23:33	1
Bromoform	ND		2.0	0.26	ug/L			10/13/22 23:33	1
Bromomethane	ND		2.0	0.69	ug/L			10/13/22 23:33	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/13/22 23:33	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/13/22 23:33	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/13/22 23:33	1
Chloroethane	ND		2.0	0.32	ug/L			10/13/22 23:33	1
Chloroform	ND		2.0	0.34	ug/L			10/13/22 23:33	1
Chloromethane	ND		2.0	0.35	ug/L			10/13/22 23:33	1
Chloroprene	ND		1.0	0.49	ug/L			10/13/22 23:33	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/13/22 23:33	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/13/22 23:33	1
Dibromomethane	ND		2.0	0.41	ug/L			10/13/22 23:33	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/13/22 23:33	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/13/22 23:33	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/13/22 23:33	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/13/22 23:33	1
Iodomethane	ND		2.0	0.30	ug/L			10/13/22 23:33	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/13/22 23:33	1
Methacrylonitrile	ND		10	0.69	ug/L			10/13/22 23:33	1
Methyl methacrylate	ND		10	0.61	ug/L			10/13/22 23:33	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/13/22 23:33	1
Naphthalene	ND		1.0	0.43	ug/L			10/13/22 23:33	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/13/22 23:33	1
Propionitrile	ND		50	5.8	ug/L			10/13/22 23:33	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-6

Lab Sample ID: 480-202410-3

Matrix: Water

Date Collected: 10/05/22 10:00

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/13/22 23:33	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/13/22 23:33	1
Tetrahydrofuran	2.4 J		5.0	1.3	ug/L			10/13/22 23:33	1
Toluene	ND		2.0	0.51	ug/L			10/13/22 23:33	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/13/22 23:33	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/13/22 23:33	1
Trichloroethene	ND		2.0	0.46	ug/L			10/13/22 23:33	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/13/22 23:33	1
Vinyl acetate	ND		10	0.85	ug/L			10/13/22 23:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/13/22 23:33	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/13/22 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120					10/13/22 23:33	1
4-Bromofluorobenzene (Surr)	102		73 - 120					10/13/22 23:33	1
Toluene-d8 (Surr)	99		80 - 120					10/13/22 23:33	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/06/22 16:22	10/06/22 21:03	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/06/22 16:22	10/06/22 21:03	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 00:23	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 00:23	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 00:23	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 00:23	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 00:23	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 08:45	10/14/22 00:23	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 08:45	10/14/22 00:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		19 - 120				10/13/22 08:45	10/14/22 00:23	1
Tetrachloro-m-xylene	86		39 - 121				10/13/22 08:45	10/14/22 00:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.6		1.0	0.43	mg/L			10/18/22 05:51	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.96			SU				10/05/22 10:00	1
Field Conductivity	1326			umhos/cm				10/05/22 10:00	1
Field Temperature	15.3			Degrees C				10/05/22 10:00	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: FIELD BLANK TSCA

Date Collected: 10/05/22 10:25

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202410-4

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/13/22 23:56	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/13/22 23:56	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/13/22 23:56	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/13/22 23:56	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/13/22 23:56	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/13/22 23:56	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/13/22 23:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/13/22 23:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/13/22 23:56	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/13/22 23:56	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/13/22 23:56	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/13/22 23:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/13/22 23:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/13/22 23:56	1
1,4-Dioxane	ND		40	9.3	ug/L			10/13/22 23:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/13/22 23:56	1
2-Hexanone	ND		10	1.2	ug/L			10/13/22 23:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/13/22 23:56	1
Acetone	ND		10	3.0	ug/L			10/13/22 23:56	1
Acetonitrile	ND		170	4.9	ug/L			10/13/22 23:56	1
Acrolein	ND		20	0.91	ug/L			10/13/22 23:56	1
Acrylonitrile	ND		20	0.83	ug/L			10/13/22 23:56	1
Allyl chloride	ND		2.0	0.44	ug/L			10/13/22 23:56	1
Benzene	ND		2.0	0.41	ug/L			10/13/22 23:56	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/13/22 23:56	1
Bromoform	ND		2.0	0.26	ug/L			10/13/22 23:56	1
Bromomethane	ND		2.0	0.69	ug/L			10/13/22 23:56	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/13/22 23:56	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/13/22 23:56	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/13/22 23:56	1
Chloroethane	ND		2.0	0.32	ug/L			10/13/22 23:56	1
Chloroform	ND		2.0	0.34	ug/L			10/13/22 23:56	1
Chloromethane	ND		2.0	0.35	ug/L			10/13/22 23:56	1
Chloroprene	ND		1.0	0.49	ug/L			10/13/22 23:56	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/13/22 23:56	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/13/22 23:56	1
Dibromomethane	ND		2.0	0.41	ug/L			10/13/22 23:56	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/13/22 23:56	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/13/22 23:56	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/13/22 23:56	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/13/22 23:56	1
Iodomethane	ND		2.0	0.30	ug/L			10/13/22 23:56	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/13/22 23:56	1
Methacrylonitrile	ND		10	0.69	ug/L			10/13/22 23:56	1
Methyl methacrylate	ND		10	0.61	ug/L			10/13/22 23:56	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/13/22 23:56	1
Naphthalene	ND		1.0	0.43	ug/L			10/13/22 23:56	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/13/22 23:56	1
Propionitrile	ND		50	5.8	ug/L			10/13/22 23:56	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: FIELD BLANK TSCA

Lab Sample ID: 480-202410-4

Matrix: Water

Date Collected: 10/05/22 10:25

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/13/22 23:56	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/13/22 23:56	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/13/22 23:56	1
Toluene	ND		2.0	0.51	ug/L			10/13/22 23:56	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/13/22 23:56	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/13/22 23:56	1
Trichloroethene	ND		2.0	0.46	ug/L			10/13/22 23:56	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/13/22 23:56	1
Vinyl acetate	ND		10	0.85	ug/L			10/13/22 23:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/13/22 23:56	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/13/22 23:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120					10/13/22 23:56	1
4-Bromofluorobenzene (Surr)	99		73 - 120					10/13/22 23:56	1
Toluene-d8 (Surr)	101		80 - 120					10/13/22 23:56	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/06/22 16:22	10/06/22 22:22	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/06/22 16:22	10/06/22 22:22	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:44	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:44	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:44	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:44	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:44	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 08:45	10/14/22 01:44	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 08:45	10/14/22 01:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	47		19 - 120				10/13/22 08:45	10/14/22 01:44	1
Tetrachloro-m-xylene	75		39 - 121				10/13/22 08:45	10/14/22 01:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	ND		1.0	0.43	mg/L			10/18/22 02:27	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.32			SU				10/05/22 10:25	1
Field Conductivity	50.57			umhos/cm				10/05/22 10:25	1
Field Temperature	19.4			Degrees C				10/05/22 10:25	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: C-2

Date Collected: 10/05/22 12:57

Date Received: 10/06/22 10:00

Lab Sample ID: 480-202411-1

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/14/22 00:19	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/14/22 00:19	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/14/22 00:19	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/14/22 00:19	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/14/22 00:19	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/14/22 00:19	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/14/22 00:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/14/22 00:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/14/22 00:19	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/14/22 00:19	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/14/22 00:19	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/14/22 00:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/14/22 00:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/14/22 00:19	1
1,4-Dioxane	ND		40	9.3	ug/L			10/14/22 00:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/14/22 00:19	1
2-Hexanone	ND		10	1.2	ug/L			10/14/22 00:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/14/22 00:19	1
Acetone	ND		10	3.0	ug/L			10/14/22 00:19	1
Acetonitrile	ND		170	4.9	ug/L			10/14/22 00:19	1
Acrolein	ND		20	0.91	ug/L			10/14/22 00:19	1
Acrylonitrile	ND		20	0.83	ug/L			10/14/22 00:19	1
Allyl chloride	ND		2.0	0.44	ug/L			10/14/22 00:19	1
Benzene	ND		2.0	0.41	ug/L			10/14/22 00:19	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/14/22 00:19	1
Bromoform	ND		2.0	0.26	ug/L			10/14/22 00:19	1
Bromomethane	ND		2.0	0.69	ug/L			10/14/22 00:19	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/14/22 00:19	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/14/22 00:19	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/14/22 00:19	1
Chloroethane	ND		2.0	0.32	ug/L			10/14/22 00:19	1
Chloroform	ND		2.0	0.34	ug/L			10/14/22 00:19	1
Chloromethane	ND		2.0	0.35	ug/L			10/14/22 00:19	1
Chloroprene	ND		1.0	0.49	ug/L			10/14/22 00:19	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/14/22 00:19	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/14/22 00:19	1
Dibromomethane	ND		2.0	0.41	ug/L			10/14/22 00:19	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/14/22 00:19	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/14/22 00:19	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/14/22 00:19	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/14/22 00:19	1
Iodomethane	ND		2.0	0.30	ug/L			10/14/22 00:19	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/14/22 00:19	1
Methacrylonitrile	ND		10	0.69	ug/L			10/14/22 00:19	1
Methyl methacrylate	ND		10	0.61	ug/L			10/14/22 00:19	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/14/22 00:19	1
Naphthalene	ND		1.0	0.43	ug/L			10/14/22 00:19	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/14/22 00:19	1
Propionitrile	ND		50	5.8	ug/L			10/14/22 00:19	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-2

Lab Sample ID: 480-202411-1

Matrix: Water

Date Collected: 10/05/22 12:57

Date Received: 10/06/22 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/14/22 00:19	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/14/22 00:19	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/14/22 00:19	1
Toluene	ND		2.0	0.51	ug/L			10/14/22 00:19	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/14/22 00:19	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/14/22 00:19	1
Trichloroethene	ND		2.0	0.46	ug/L			10/14/22 00:19	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/14/22 00:19	1
Vinyl acetate	ND		10	0.85	ug/L			10/14/22 00:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/14/22 00:19	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/14/22 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120					10/14/22 00:19	1
4-Bromofluorobenzene (Surr)	104		73 - 120					10/14/22 00:19	1
Toluene-d8 (Surr)	99		80 - 120					10/14/22 00:19	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/06/22 16:22	10/06/22 22:42	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/06/22 16:22	10/06/22 22:42	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:57	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:57	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:57	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:57	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 08:45	10/14/22 01:57	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 08:45	10/14/22 01:57	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 08:45	10/14/22 01:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	50		19 - 120				10/13/22 08:45	10/14/22 01:57	1
Tetrachloro-m-xylene	88		39 - 121				10/13/22 08:45	10/14/22 01:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	5.5		1.0	0.43	mg/L			10/18/22 06:19	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.73			SU				10/05/22 12:57	1
Field Conductivity	639			umhos/cm				10/05/22 12:57	1
Field Temperature	13.2			Degrees C				10/05/22 12:57	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: C-6

Date Collected: 10/05/22 11:55

Date Received: 10/06/22 10:00

Lab Sample ID: 480-202411-2

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/14/22 00:43	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/14/22 00:43	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/14/22 00:43	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/14/22 00:43	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/14/22 00:43	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/14/22 00:43	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/14/22 00:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/14/22 00:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/14/22 00:43	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/14/22 00:43	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/14/22 00:43	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/14/22 00:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/14/22 00:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/14/22 00:43	1
1,4-Dioxane	ND		40	9.3	ug/L			10/14/22 00:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/14/22 00:43	1
2-Hexanone	ND		10	1.2	ug/L			10/14/22 00:43	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/14/22 00:43	1
Acetone	3.7 J		10	3.0	ug/L			10/14/22 00:43	1
Acetonitrile	ND		170	4.9	ug/L			10/14/22 00:43	1
Acrolein	ND		20	0.91	ug/L			10/14/22 00:43	1
Acrylonitrile	ND		20	0.83	ug/L			10/14/22 00:43	1
Allyl chloride	ND		2.0	0.44	ug/L			10/14/22 00:43	1
Benzene	ND		2.0	0.41	ug/L			10/14/22 00:43	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/14/22 00:43	1
Bromoform	ND		2.0	0.26	ug/L			10/14/22 00:43	1
Bromomethane	ND		2.0	0.69	ug/L			10/14/22 00:43	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/14/22 00:43	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/14/22 00:43	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/14/22 00:43	1
Chloroethane	ND		2.0	0.32	ug/L			10/14/22 00:43	1
Chloroform	ND		2.0	0.34	ug/L			10/14/22 00:43	1
Chloromethane	ND		2.0	0.35	ug/L			10/14/22 00:43	1
Chloroprene	ND		1.0	0.49	ug/L			10/14/22 00:43	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/14/22 00:43	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/14/22 00:43	1
Dibromomethane	ND		2.0	0.41	ug/L			10/14/22 00:43	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/14/22 00:43	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/14/22 00:43	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/14/22 00:43	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/14/22 00:43	1
Iodomethane	ND		2.0	0.30	ug/L			10/14/22 00:43	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/14/22 00:43	1
Methacrylonitrile	ND		10	0.69	ug/L			10/14/22 00:43	1
Methyl methacrylate	ND		10	0.61	ug/L			10/14/22 00:43	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/14/22 00:43	1
Naphthalene	ND		1.0	0.43	ug/L			10/14/22 00:43	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/14/22 00:43	1
Propionitrile	ND		50	5.8	ug/L			10/14/22 00:43	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-6

Date Collected: 10/05/22 11:55

Lab Sample ID: 480-202411-2

Matrix: Water

Date Received: 10/06/22 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/14/22 00:43	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/14/22 00:43	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/14/22 00:43	1
Toluene	ND		2.0	0.51	ug/L			10/14/22 00:43	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/14/22 00:43	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/14/22 00:43	1
Trichloroethene	ND		2.0	0.46	ug/L			10/14/22 00:43	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/14/22 00:43	1
Vinyl acetate	ND		10	0.85	ug/L			10/14/22 00:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/14/22 00:43	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/14/22 00:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		77 - 120					10/14/22 00:43	1
4-Bromofluorobenzene (Surr)	103		73 - 120					10/14/22 00:43	1
Toluene-d8 (Surr)	99		80 - 120					10/14/22 00:43	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			10/06/22 16:22	10/06/22 23:02
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			10/06/22 16:22	10/06/22 23:02

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 02:11
PCB-1221	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 02:11
PCB-1232	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 02:11
PCB-1242	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 02:11
PCB-1248	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 02:11
PCB-1254	ND		0.50	0.25	ug/L			10/13/22 08:45	10/14/22 02:11
PCB-1260	ND		0.50	0.25	ug/L			10/13/22 08:45	10/14/22 02:11
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		19 - 120					10/13/22 08:45	10/14/22 02:11
Tetrachloro-m-xylene	82		39 - 121					10/13/22 08:45	10/14/22 02:11

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	9.2		1.0	0.43	mg/L			10/18/22 06:48	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.44			SU				10/05/22 11:55	1
Field Conductivity	549			umhos/cm				10/05/22 11:55	1
Field Temperature	12.5			Degrees C				10/05/22 11:55	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: C-9

Date Collected: 10/05/22 13:25

Date Received: 10/06/22 10:00

Lab Sample ID: 480-202411-3

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/14/22 01:06	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/14/22 01:06	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/14/22 01:06	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/14/22 01:06	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/14/22 01:06	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/14/22 01:06	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/14/22 01:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/14/22 01:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/14/22 01:06	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/14/22 01:06	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/14/22 01:06	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/14/22 01:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/14/22 01:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/14/22 01:06	1
1,4-Dioxane	ND		40	9.3	ug/L			10/14/22 01:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/14/22 01:06	1
2-Hexanone	ND		10	1.2	ug/L			10/14/22 01:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/14/22 01:06	1
Acetone	ND		10	3.0	ug/L			10/14/22 01:06	1
Acetonitrile	ND		170	4.9	ug/L			10/14/22 01:06	1
Acrolein	ND		20	0.91	ug/L			10/14/22 01:06	1
Acrylonitrile	ND		20	0.83	ug/L			10/14/22 01:06	1
Allyl chloride	ND		2.0	0.44	ug/L			10/14/22 01:06	1
Benzene	ND		2.0	0.41	ug/L			10/14/22 01:06	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/14/22 01:06	1
Bromoform	ND		2.0	0.26	ug/L			10/14/22 01:06	1
Bromomethane	ND		2.0	0.69	ug/L			10/14/22 01:06	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/14/22 01:06	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/14/22 01:06	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/14/22 01:06	1
Chloroethane	ND		2.0	0.32	ug/L			10/14/22 01:06	1
Chloroform	ND		2.0	0.34	ug/L			10/14/22 01:06	1
Chloromethane	ND		2.0	0.35	ug/L			10/14/22 01:06	1
Chloroprene	ND		1.0	0.49	ug/L			10/14/22 01:06	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/14/22 01:06	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/14/22 01:06	1
Dibromomethane	ND		2.0	0.41	ug/L			10/14/22 01:06	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/14/22 01:06	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/14/22 01:06	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/14/22 01:06	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/14/22 01:06	1
Iodomethane	ND		2.0	0.30	ug/L			10/14/22 01:06	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/14/22 01:06	1
Methacrylonitrile	ND		10	0.69	ug/L			10/14/22 01:06	1
Methyl methacrylate	ND		10	0.61	ug/L			10/14/22 01:06	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/14/22 01:06	1
Naphthalene	ND		1.0	0.43	ug/L			10/14/22 01:06	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/14/22 01:06	1
Propionitrile	ND		50	5.8	ug/L			10/14/22 01:06	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-9

Lab Sample ID: 480-202411-3

Matrix: Water

Date Collected: 10/05/22 13:25

Date Received: 10/06/22 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/14/22 01:06	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/14/22 01:06	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/14/22 01:06	1
Toluene	ND		2.0	0.51	ug/L			10/14/22 01:06	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/14/22 01:06	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/14/22 01:06	1
Trichloroethene	ND		2.0	0.46	ug/L			10/14/22 01:06	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/14/22 01:06	1
Vinyl acetate	ND		10	0.85	ug/L			10/14/22 01:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/14/22 01:06	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/14/22 01:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					10/14/22 01:06	1
4-Bromofluorobenzene (Surr)	102		73 - 120					10/14/22 01:06	1
Toluene-d8 (Surr)	99		80 - 120					10/14/22 01:06	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			10/06/22 16:22	10/06/22 23:22
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L			10/06/22 16:22	10/06/22 23:22

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 02:51
PCB-1221	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 02:51
PCB-1232	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 02:51
PCB-1242	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 02:51
PCB-1248	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 02:51
PCB-1254	ND		0.50	0.25	ug/L			10/13/22 08:45	10/14/22 02:51
PCB-1260	ND		0.50	0.25	ug/L			10/13/22 08:45	10/14/22 02:51
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		19 - 120					10/13/22 08:45	10/14/22 02:51
Tetrachloro-m-xylene	86		39 - 121					10/13/22 08:45	10/14/22 02:51

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.1		1.0	0.43	mg/L			10/18/22 07:18	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.63			SU				10/05/22 13:25	1
Field Conductivity	1149			umhos/cm				10/05/22 13:25	1
Field Temperature	15.5			Degrees C				10/05/22 13:25	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: C-10

Date Collected: 10/05/22 12:30

Date Received: 10/06/22 10:00

Lab Sample ID: 480-202411-4

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/14/22 01:30	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/14/22 01:30	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/14/22 01:30	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/14/22 01:30	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/14/22 01:30	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/14/22 01:30	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/14/22 01:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/14/22 01:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/14/22 01:30	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/14/22 01:30	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/14/22 01:30	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/14/22 01:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/14/22 01:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/14/22 01:30	1
1,4-Dioxane	ND		40	9.3	ug/L			10/14/22 01:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/14/22 01:30	1
2-Hexanone	ND		10	1.2	ug/L			10/14/22 01:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/14/22 01:30	1
Acetone	ND		10	3.0	ug/L			10/14/22 01:30	1
Acetonitrile	ND		170	4.9	ug/L			10/14/22 01:30	1
Acrolein	ND		20	0.91	ug/L			10/14/22 01:30	1
Acrylonitrile	ND		20	0.83	ug/L			10/14/22 01:30	1
Allyl chloride	ND		2.0	0.44	ug/L			10/14/22 01:30	1
Benzene	ND		2.0	0.41	ug/L			10/14/22 01:30	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/14/22 01:30	1
Bromoform	ND		2.0	0.26	ug/L			10/14/22 01:30	1
Bromomethane	ND		2.0	0.69	ug/L			10/14/22 01:30	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/14/22 01:30	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/14/22 01:30	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/14/22 01:30	1
Chloroethane	ND		2.0	0.32	ug/L			10/14/22 01:30	1
Chloroform	ND		2.0	0.34	ug/L			10/14/22 01:30	1
Chloromethane	ND		2.0	0.35	ug/L			10/14/22 01:30	1
Chloroprene	ND		1.0	0.49	ug/L			10/14/22 01:30	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/14/22 01:30	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/14/22 01:30	1
Dibromomethane	ND		2.0	0.41	ug/L			10/14/22 01:30	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/14/22 01:30	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/14/22 01:30	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/14/22 01:30	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/14/22 01:30	1
Iodomethane	ND		2.0	0.30	ug/L			10/14/22 01:30	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/14/22 01:30	1
Methacrylonitrile	ND		10	0.69	ug/L			10/14/22 01:30	1
Methyl methacrylate	ND		10	0.61	ug/L			10/14/22 01:30	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/14/22 01:30	1
Naphthalene	ND		1.0	0.43	ug/L			10/14/22 01:30	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/14/22 01:30	1
Propionitrile	ND		50	5.8	ug/L			10/14/22 01:30	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-10

Lab Sample ID: 480-202411-4

Matrix: Water

Date Collected: 10/05/22 12:30

Date Received: 10/06/22 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/14/22 01:30	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/14/22 01:30	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/14/22 01:30	1
Toluene	ND		2.0	0.51	ug/L			10/14/22 01:30	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/14/22 01:30	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/14/22 01:30	1
Trichloroethene	ND		2.0	0.46	ug/L			10/14/22 01:30	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/14/22 01:30	1
Vinyl acetate	ND		10	0.85	ug/L			10/14/22 01:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/14/22 01:30	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/14/22 01:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120					10/14/22 01:30	1
4-Bromofluorobenzene (Surr)	99		73 - 120					10/14/22 01:30	1
Toluene-d8 (Surr)	98		80 - 120					10/14/22 01:30	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			10/06/22 16:22	10/06/22 23:42
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			10/06/22 16:22	10/06/22 23:42

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 03:05
PCB-1221	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 03:05
PCB-1232	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 03:05
PCB-1242	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 03:05
PCB-1248	ND		0.50	0.18	ug/L			10/13/22 08:45	10/14/22 03:05
PCB-1254	ND		0.50	0.25	ug/L			10/13/22 08:45	10/14/22 03:05
PCB-1260	ND		0.50	0.25	ug/L			10/13/22 08:45	10/14/22 03:05
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	52		19 - 120					10/13/22 08:45	10/14/22 03:05
Tetrachloro-m-xylene	80		39 - 121					10/13/22 08:45	10/14/22 03:05

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	7.3		1.0	0.43	mg/L			10/18/22 07:47	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.70			SU				10/05/22 12:30	1
Field Conductivity	558			umhos/cm				10/05/22 12:30	1
Field Temperature	12.7			Degrees C				10/05/22 12:30	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-15

Date Collected: 10/03/22 14:10

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-1

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/11/22 16:56	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/11/22 16:56	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/11/22 16:56	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/11/22 16:56	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/11/22 16:56	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/11/22 16:56	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/11/22 16:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/11/22 16:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/11/22 16:56	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/11/22 16:56	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/11/22 16:56	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/11/22 16:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/11/22 16:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/11/22 16:56	1
1,4-Dioxane	ND		40	9.3	ug/L			10/11/22 16:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/11/22 16:56	1
2-Hexanone	ND		10	1.2	ug/L			10/11/22 16:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/11/22 16:56	1
Acetone	ND		10	3.0	ug/L			10/11/22 16:56	1
Acetonitrile	ND		170	4.9	ug/L			10/11/22 16:56	1
Acrolein	ND		20	0.91	ug/L			10/11/22 16:56	1
Acrylonitrile	ND		20	0.83	ug/L			10/11/22 16:56	1
Allyl chloride	ND		2.0	0.44	ug/L			10/11/22 16:56	1
Benzene	ND		2.0	0.41	ug/L			10/11/22 16:56	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/11/22 16:56	1
Bromoform	ND		2.0	0.26	ug/L			10/11/22 16:56	1
Bromomethane	ND		2.0	0.69	ug/L			10/11/22 16:56	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/11/22 16:56	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/11/22 16:56	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/11/22 16:56	1
Chloroethane	ND		2.0	0.32	ug/L			10/11/22 16:56	1
Chloroform	ND		2.0	0.34	ug/L			10/11/22 16:56	1
Chloromethane	ND	**+	2.0	0.35	ug/L			10/11/22 16:56	1
Chloroprene	ND		1.0	0.49	ug/L			10/11/22 16:56	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/11/22 16:56	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/11/22 16:56	1
Dibromomethane	ND		2.0	0.41	ug/L			10/11/22 16:56	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/11/22 16:56	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/11/22 16:56	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/11/22 16:56	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/11/22 16:56	1
Iodomethane	ND		2.0	0.30	ug/L			10/11/22 16:56	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/11/22 16:56	1
Methacrylonitrile	ND		10	0.69	ug/L			10/11/22 16:56	1
Methyl methacrylate	ND		10	0.61	ug/L			10/11/22 16:56	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/11/22 16:56	1
Naphthalene	ND		1.0	0.43	ug/L			10/11/22 16:56	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/11/22 16:56	1
Propionitrile	ND		50	5.8	ug/L			10/11/22 16:56	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-15

Lab Sample ID: 480-202457-1

Matrix: Water

Date Collected: 10/03/22 14:10

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/11/22 16:56	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/11/22 16:56	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/11/22 16:56	1
Toluene	ND		2.0	0.51	ug/L			10/11/22 16:56	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/11/22 16:56	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/11/22 16:56	1
Trichloroethene	ND		2.0	0.46	ug/L			10/11/22 16:56	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/11/22 16:56	1
Vinyl acetate	ND		10	0.85	ug/L			10/11/22 16:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/11/22 16:56	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/11/22 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		77 - 120					10/11/22 16:56	1
4-Bromofluorobenzene (Surr)	101		73 - 120					10/11/22 16:56	1
Toluene-d8 (Surr)	99		80 - 120					10/11/22 16:56	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/11/22 13:38	10/11/22 17:38	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/11/22 13:38	10/11/22 17:38	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 19:42	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 19:42	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 19:42	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 19:42	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 19:42	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 19:42	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		19 - 120				10/13/22 08:28	10/13/22 19:42	1
Tetrachloro-m-xylene	80		39 - 121				10/13/22 08:28	10/13/22 19:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.0		1.0	0.43	mg/L			10/18/22 11:08	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.57			SU				10/03/22 14:10	1
Field Conductivity	2460			umhos/cm				10/03/22 14:10	1
Field Temperature	13.9			Degrees C				10/03/22 14:10	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-17

Date Collected: 10/03/22 14:30

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-2

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/11/22 17:20	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/11/22 17:20	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/11/22 17:20	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/11/22 17:20	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/11/22 17:20	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/11/22 17:20	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/11/22 17:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/11/22 17:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/11/22 17:20	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/11/22 17:20	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/11/22 17:20	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/11/22 17:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/11/22 17:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/11/22 17:20	1
1,4-Dioxane	ND		40	9.3	ug/L			10/11/22 17:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/11/22 17:20	1
2-Hexanone	ND		10	1.2	ug/L			10/11/22 17:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/11/22 17:20	1
Acetone	ND		10	3.0	ug/L			10/11/22 17:20	1
Acetonitrile	ND		170	4.9	ug/L			10/11/22 17:20	1
Acrolein	ND		20	0.91	ug/L			10/11/22 17:20	1
Acrylonitrile	ND		20	0.83	ug/L			10/11/22 17:20	1
Allyl chloride	ND		2.0	0.44	ug/L			10/11/22 17:20	1
Benzene	ND		2.0	0.41	ug/L			10/11/22 17:20	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/11/22 17:20	1
Bromoform	ND		2.0	0.26	ug/L			10/11/22 17:20	1
Bromomethane	ND		2.0	0.69	ug/L			10/11/22 17:20	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/11/22 17:20	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/11/22 17:20	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/11/22 17:20	1
Chloroethane	ND		2.0	0.32	ug/L			10/11/22 17:20	1
Chloroform	ND		2.0	0.34	ug/L			10/11/22 17:20	1
Chloromethane	ND	**+	2.0	0.35	ug/L			10/11/22 17:20	1
Chloroprene	ND		1.0	0.49	ug/L			10/11/22 17:20	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/11/22 17:20	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/11/22 17:20	1
Dibromomethane	ND		2.0	0.41	ug/L			10/11/22 17:20	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/11/22 17:20	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/11/22 17:20	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/11/22 17:20	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/11/22 17:20	1
Iodomethane	ND		2.0	0.30	ug/L			10/11/22 17:20	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/11/22 17:20	1
Methacrylonitrile	ND		10	0.69	ug/L			10/11/22 17:20	1
Methyl methacrylate	ND		10	0.61	ug/L			10/11/22 17:20	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/11/22 17:20	1
Naphthalene	ND		1.0	0.43	ug/L			10/11/22 17:20	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/11/22 17:20	1
Propionitrile	ND		50	5.8	ug/L			10/11/22 17:20	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-17

Lab Sample ID: 480-202457-2

Matrix: Water

Date Collected: 10/03/22 14:30

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/11/22 17:20	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/11/22 17:20	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/11/22 17:20	1
Toluene	ND		2.0	0.51	ug/L			10/11/22 17:20	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/11/22 17:20	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/11/22 17:20	1
Trichloroethene	ND		2.0	0.46	ug/L			10/11/22 17:20	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/11/22 17:20	1
Vinyl acetate	ND		10	0.85	ug/L			10/11/22 17:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/11/22 17:20	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/11/22 17:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120					10/11/22 17:20	1
4-Bromofluorobenzene (Surr)	107		73 - 120					10/11/22 17:20	1
Toluene-d8 (Surr)	100		80 - 120					10/11/22 17:20	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/11/22 13:38	10/11/22 17:58	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/11/22 13:38	10/11/22 17:58	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 19:56	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 19:56	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 19:56	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 19:56	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 19:56	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 19:56	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 19:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		19 - 120				10/13/22 08:28	10/13/22 19:56	1
Tetrachloro-m-xylene	53		39 - 121				10/13/22 08:28	10/13/22 19:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	1.3		1.0	0.43	mg/L			10/18/22 11:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.81			SU				10/03/22 14:30	1
Field Conductivity	2360			umhos/cm				10/03/22 14:30	1
Field Temperature	14.0			Degrees C				10/03/22 14:30	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-16

Date Collected: 10/03/22 15:14

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-3

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/11/22 17:44	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/11/22 17:44	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/11/22 17:44	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/11/22 17:44	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/11/22 17:44	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/11/22 17:44	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/11/22 17:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/11/22 17:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/11/22 17:44	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/11/22 17:44	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/11/22 17:44	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/11/22 17:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/11/22 17:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/11/22 17:44	1
1,4-Dioxane	ND		40	9.3	ug/L			10/11/22 17:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/11/22 17:44	1
2-Hexanone	ND		10	1.2	ug/L			10/11/22 17:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/11/22 17:44	1
Acetone	ND		10	3.0	ug/L			10/11/22 17:44	1
Acetonitrile	ND		170	4.9	ug/L			10/11/22 17:44	1
Acrolein	ND		20	0.91	ug/L			10/11/22 17:44	1
Acrylonitrile	ND		20	0.83	ug/L			10/11/22 17:44	1
Allyl chloride	ND		2.0	0.44	ug/L			10/11/22 17:44	1
Benzene	ND		2.0	0.41	ug/L			10/11/22 17:44	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/11/22 17:44	1
Bromoform	ND		2.0	0.26	ug/L			10/11/22 17:44	1
Bromomethane	ND		2.0	0.69	ug/L			10/11/22 17:44	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/11/22 17:44	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/11/22 17:44	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/11/22 17:44	1
Chloroethane	ND		2.0	0.32	ug/L			10/11/22 17:44	1
Chloroform	ND		2.0	0.34	ug/L			10/11/22 17:44	1
Chloromethane	ND	**+	2.0	0.35	ug/L			10/11/22 17:44	1
Chloroprene	ND		1.0	0.49	ug/L			10/11/22 17:44	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/11/22 17:44	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/11/22 17:44	1
Dibromomethane	ND		2.0	0.41	ug/L			10/11/22 17:44	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/11/22 17:44	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/11/22 17:44	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/11/22 17:44	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/11/22 17:44	1
Iodomethane	ND		2.0	0.30	ug/L			10/11/22 17:44	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/11/22 17:44	1
Methacrylonitrile	ND		10	0.69	ug/L			10/11/22 17:44	1
Methyl methacrylate	ND		10	0.61	ug/L			10/11/22 17:44	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/11/22 17:44	1
Naphthalene	ND		1.0	0.43	ug/L			10/11/22 17:44	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/11/22 17:44	1
Propionitrile	ND		50	5.8	ug/L			10/11/22 17:44	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-16

Lab Sample ID: 480-202457-3

Matrix: Water

Date Collected: 10/03/22 15:14

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/11/22 17:44	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/11/22 17:44	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/11/22 17:44	1
Toluene	ND		2.0	0.51	ug/L			10/11/22 17:44	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/11/22 17:44	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/11/22 17:44	1
Trichloroethene	ND		2.0	0.46	ug/L			10/11/22 17:44	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/11/22 17:44	1
Vinyl acetate	ND		10	0.85	ug/L			10/11/22 17:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/11/22 17:44	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/11/22 17:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		77 - 120					10/11/22 17:44	1
4-Bromofluorobenzene (Surr)	111		73 - 120					10/11/22 17:44	1
Toluene-d8 (Surr)	103		80 - 120					10/11/22 17:44	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/11/22 13:38	10/11/22 18:18	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/11/22 13:38	10/11/22 18:18	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:09	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:09	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:09	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:09	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:09	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 20:09	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 20:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	72		19 - 120				10/13/22 08:28	10/13/22 20:09	1
Tetrachloro-m-xylene	71		39 - 121				10/13/22 08:28	10/13/22 20:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.0		1.0	0.43	mg/L			10/18/22 12:04	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.71			SU				10/03/22 15:14	1
Field Conductivity	2460			umhos/cm				10/03/22 15:14	1
Field Temperature	14.1			Degrees C				10/03/22 15:14	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-18

Date Collected: 10/03/22 15:34

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-4

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/11/22 18:07	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/11/22 18:07	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/11/22 18:07	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/11/22 18:07	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/11/22 18:07	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/11/22 18:07	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/11/22 18:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/11/22 18:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/11/22 18:07	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/11/22 18:07	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/11/22 18:07	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/11/22 18:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/11/22 18:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/11/22 18:07	1
1,4-Dioxane	ND		40	9.3	ug/L			10/11/22 18:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/11/22 18:07	1
2-Hexanone	ND		10	1.2	ug/L			10/11/22 18:07	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/11/22 18:07	1
Acetone	ND		10	3.0	ug/L			10/11/22 18:07	1
Acetonitrile	ND		170	4.9	ug/L			10/11/22 18:07	1
Acrolein	ND		20	0.91	ug/L			10/11/22 18:07	1
Acrylonitrile	ND		20	0.83	ug/L			10/11/22 18:07	1
Allyl chloride	ND		2.0	0.44	ug/L			10/11/22 18:07	1
Benzene	ND		2.0	0.41	ug/L			10/11/22 18:07	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/11/22 18:07	1
Bromoform	ND		2.0	0.26	ug/L			10/11/22 18:07	1
Bromomethane	ND		2.0	0.69	ug/L			10/11/22 18:07	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/11/22 18:07	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/11/22 18:07	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/11/22 18:07	1
Chloroethane	ND		2.0	0.32	ug/L			10/11/22 18:07	1
Chloroform	ND		2.0	0.34	ug/L			10/11/22 18:07	1
Chloromethane	ND	**+	2.0	0.35	ug/L			10/11/22 18:07	1
Chloroprene	ND		1.0	0.49	ug/L			10/11/22 18:07	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/11/22 18:07	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/11/22 18:07	1
Dibromomethane	ND		2.0	0.41	ug/L			10/11/22 18:07	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/11/22 18:07	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/11/22 18:07	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/11/22 18:07	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/11/22 18:07	1
Iodomethane	ND		2.0	0.30	ug/L			10/11/22 18:07	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/11/22 18:07	1
Methacrylonitrile	ND		10	0.69	ug/L			10/11/22 18:07	1
Methyl methacrylate	ND		10	0.61	ug/L			10/11/22 18:07	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/11/22 18:07	1
Naphthalene	ND		1.0	0.43	ug/L			10/11/22 18:07	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/11/22 18:07	1
Propionitrile	ND		50	5.8	ug/L			10/11/22 18:07	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-18

Lab Sample ID: 480-202457-4

Matrix: Water

Date Collected: 10/03/22 15:34

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/11/22 18:07	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/11/22 18:07	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/11/22 18:07	1
Toluene	ND		2.0	0.51	ug/L			10/11/22 18:07	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/11/22 18:07	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/11/22 18:07	1
Trichloroethene	ND		2.0	0.46	ug/L			10/11/22 18:07	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/11/22 18:07	1
Vinyl acetate	ND		10	0.85	ug/L			10/11/22 18:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/11/22 18:07	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/11/22 18:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					10/11/22 18:07	1
4-Bromofluorobenzene (Surr)	102		73 - 120					10/11/22 18:07	1
Toluene-d8 (Surr)	98		80 - 120					10/11/22 18:07	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0078	ug/L		10/11/22 13:38	10/11/22 18:38	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L		10/11/22 13:38	10/11/22 18:38	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:22	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:22	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:22	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:22	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:22	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 20:22	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 20:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68		19 - 120				10/13/22 08:28	10/13/22 20:22	1
Tetrachloro-m-xylene	72		39 - 121				10/13/22 08:28	10/13/22 20:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.6		1.0	0.43	mg/L			10/18/22 12:31	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.88			SU				10/03/22 15:34	1
Field Conductivity	1719			umhos/cm				10/03/22 15:34	1
Field Temperature	14.3			Degrees C				10/03/22 15:34	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-22A

Date Collected: 10/03/22 16:20

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-5

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/11/22 18:31	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/11/22 18:31	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/11/22 18:31	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/11/22 18:31	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/11/22 18:31	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/11/22 18:31	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/11/22 18:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/11/22 18:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/11/22 18:31	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/11/22 18:31	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/11/22 18:31	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/11/22 18:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/11/22 18:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/11/22 18:31	1
1,4-Dioxane	ND		40	9.3	ug/L			10/11/22 18:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/11/22 18:31	1
2-Hexanone	ND		10	1.2	ug/L			10/11/22 18:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/11/22 18:31	1
Acetone	ND		10	3.0	ug/L			10/11/22 18:31	1
Acetonitrile	ND		170	4.9	ug/L			10/11/22 18:31	1
Acrolein	ND		20	0.91	ug/L			10/11/22 18:31	1
Acrylonitrile	ND		20	0.83	ug/L			10/11/22 18:31	1
Allyl chloride	ND		2.0	0.44	ug/L			10/11/22 18:31	1
Benzene	ND		2.0	0.41	ug/L			10/11/22 18:31	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/11/22 18:31	1
Bromoform	ND		2.0	0.26	ug/L			10/11/22 18:31	1
Bromomethane	ND		2.0	0.69	ug/L			10/11/22 18:31	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/11/22 18:31	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/11/22 18:31	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/11/22 18:31	1
Chloroethane	ND		2.0	0.32	ug/L			10/11/22 18:31	1
Chloroform	ND		2.0	0.34	ug/L			10/11/22 18:31	1
Chloromethane	ND	**+	2.0	0.35	ug/L			10/11/22 18:31	1
Chloroprene	ND		1.0	0.49	ug/L			10/11/22 18:31	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/11/22 18:31	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/11/22 18:31	1
Dibromomethane	ND		2.0	0.41	ug/L			10/11/22 18:31	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/11/22 18:31	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/11/22 18:31	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/11/22 18:31	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/11/22 18:31	1
Iodomethane	ND		2.0	0.30	ug/L			10/11/22 18:31	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/11/22 18:31	1
Methacrylonitrile	ND		10	0.69	ug/L			10/11/22 18:31	1
Methyl methacrylate	ND		10	0.61	ug/L			10/11/22 18:31	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/11/22 18:31	1
Naphthalene	ND		1.0	0.43	ug/L			10/11/22 18:31	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/11/22 18:31	1
Propionitrile	ND		50	5.8	ug/L			10/11/22 18:31	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-22A

Date Collected: 10/03/22 16:20

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-5

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/11/22 18:31	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/11/22 18:31	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/11/22 18:31	1
Toluene	ND		2.0	0.51	ug/L			10/11/22 18:31	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/11/22 18:31	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/11/22 18:31	1
Trichloroethene	ND		2.0	0.46	ug/L			10/11/22 18:31	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/11/22 18:31	1
Vinyl acetate	ND		10	0.85	ug/L			10/11/22 18:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/11/22 18:31	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/11/22 18:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120		10/11/22 18:31	1
4-Bromofluorobenzene (Surr)	107		73 - 120		10/11/22 18:31	1
Toluene-d8 (Surr)	99		80 - 120		10/11/22 18:31	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.016		0.011	0.0076	ug/L		10/11/22 13:38	10/11/22 18:58	1
1,2-Dibromoethane	ND	H	0.011	0.0076	ug/L		10/20/22 15:28	10/21/22 01:44	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		10/11/22 13:38	10/11/22 18:58	1
1,2-Dibromo-3-Chloropropane	ND	H	0.011	0.0058	ug/L		10/20/22 15:28	10/21/22 01:44	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:36	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:36	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:36	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:36	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:36	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 20:36	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 20:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		19 - 120		10/13/22 08:28	10/13/22 20:36
Tetrachloro-m-xylene	77		39 - 121		10/13/22 08:28	10/13/22 20:36

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.4		1.0	0.43	mg/L			10/18/22 12:59	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.87			SU				10/03/22 16:20	1
Field Conductivity	1883			umhos/cm				10/03/22 16:20	1
Field Temperature	14.2			Degrees C				10/03/22 16:20	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-21A

Date Collected: 10/03/22 16:43

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-6

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/11/22 18:54	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/11/22 18:54	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/11/22 18:54	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/11/22 18:54	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/11/22 18:54	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/11/22 18:54	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/11/22 18:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/11/22 18:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/11/22 18:54	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/11/22 18:54	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/11/22 18:54	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/11/22 18:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/11/22 18:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/11/22 18:54	1
1,4-Dioxane	ND		40	9.3	ug/L			10/11/22 18:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/11/22 18:54	1
2-Hexanone	ND		10	1.2	ug/L			10/11/22 18:54	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/11/22 18:54	1
Acetone	ND		10	3.0	ug/L			10/11/22 18:54	1
Acetonitrile	ND		170	4.9	ug/L			10/11/22 18:54	1
Acrolein	ND		20	0.91	ug/L			10/11/22 18:54	1
Acrylonitrile	ND		20	0.83	ug/L			10/11/22 18:54	1
Allyl chloride	ND		2.0	0.44	ug/L			10/11/22 18:54	1
Benzene	ND		2.0	0.41	ug/L			10/11/22 18:54	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/11/22 18:54	1
Bromoform	ND		2.0	0.26	ug/L			10/11/22 18:54	1
Bromomethane	ND		2.0	0.69	ug/L			10/11/22 18:54	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/11/22 18:54	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/11/22 18:54	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/11/22 18:54	1
Chloroethane	ND		2.0	0.32	ug/L			10/11/22 18:54	1
Chloroform	ND		2.0	0.34	ug/L			10/11/22 18:54	1
Chloromethane	ND	**+	2.0	0.35	ug/L			10/11/22 18:54	1
Chloroprene	ND		1.0	0.49	ug/L			10/11/22 18:54	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/11/22 18:54	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/11/22 18:54	1
Dibromomethane	ND		2.0	0.41	ug/L			10/11/22 18:54	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/11/22 18:54	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/11/22 18:54	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/11/22 18:54	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/11/22 18:54	1
Iodomethane	ND		2.0	0.30	ug/L			10/11/22 18:54	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/11/22 18:54	1
Methacrylonitrile	ND		10	0.69	ug/L			10/11/22 18:54	1
Methyl methacrylate	ND		10	0.61	ug/L			10/11/22 18:54	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/11/22 18:54	1
Naphthalene	ND		1.0	0.43	ug/L			10/11/22 18:54	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/11/22 18:54	1
Propionitrile	ND		50	5.8	ug/L			10/11/22 18:54	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21A

Lab Sample ID: 480-202457-6

Matrix: Water

Date Collected: 10/03/22 16:43

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/11/22 18:54	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/11/22 18:54	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/11/22 18:54	1
Toluene	ND		2.0	0.51	ug/L			10/11/22 18:54	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/11/22 18:54	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/11/22 18:54	1
Trichloroethene	ND		2.0	0.46	ug/L			10/11/22 18:54	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/11/22 18:54	1
Vinyl acetate	ND		10	0.85	ug/L			10/11/22 18:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/11/22 18:54	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/11/22 18:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120					10/11/22 18:54	1
4-Bromofluorobenzene (Surr)	104		73 - 120					10/11/22 18:54	1
Toluene-d8 (Surr)	99		80 - 120					10/11/22 18:54	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/11/22 13:38	10/11/22 19:18	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		10/11/22 13:38	10/11/22 19:18	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:49	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:49	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:49	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:49	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 20:49	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 20:49	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 20:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	63		19 - 120				10/13/22 08:28	10/13/22 20:49	1
Tetrachloro-m-xylene	79		39 - 121				10/13/22 08:28	10/13/22 20:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.3		1.0	0.43	mg/L			10/18/22 13:28	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.27			SU				10/03/22 16:43	1
Field Conductivity	1006			umhos/cm				10/03/22 16:43	1
Field Temperature	14.3			Degrees C				10/03/22 16:43	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-21

Date Collected: 10/03/22 17:30

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-7

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/10/22 23:00	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/10/22 23:00	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/10/22 23:00	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/10/22 23:00	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/10/22 23:00	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/10/22 23:00	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/10/22 23:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/10/22 23:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/10/22 23:00	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/10/22 23:00	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/10/22 23:00	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/10/22 23:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/10/22 23:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/10/22 23:00	1
1,4-Dioxane	ND		40	9.3	ug/L			10/10/22 23:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/10/22 23:00	1
2-Hexanone	ND		10	1.2	ug/L			10/10/22 23:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/10/22 23:00	1
Acetone	ND		10	3.0	ug/L			10/10/22 23:00	1
Acetonitrile	ND		170	4.9	ug/L			10/10/22 23:00	1
Acrolein	ND		20	0.91	ug/L			10/10/22 23:00	1
Acrylonitrile	ND		20	0.83	ug/L			10/10/22 23:00	1
Allyl chloride	ND		2.0	0.44	ug/L			10/10/22 23:00	1
Benzene	ND		2.0	0.41	ug/L			10/10/22 23:00	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/10/22 23:00	1
Bromoform	ND		2.0	0.26	ug/L			10/10/22 23:00	1
Bromomethane	ND		2.0	0.69	ug/L			10/10/22 23:00	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/10/22 23:00	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/10/22 23:00	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/10/22 23:00	1
Chloroethane	ND		2.0	0.32	ug/L			10/10/22 23:00	1
Chloroform	ND		2.0	0.34	ug/L			10/10/22 23:00	1
Chloromethane	ND		2.0	0.35	ug/L			10/10/22 23:00	1
Chloroprene	ND		1.0	0.49	ug/L			10/10/22 23:00	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/10/22 23:00	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/10/22 23:00	1
Dibromomethane	ND		2.0	0.41	ug/L			10/10/22 23:00	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/10/22 23:00	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/10/22 23:00	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/10/22 23:00	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/10/22 23:00	1
Iodomethane	ND		2.0	0.30	ug/L			10/10/22 23:00	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/10/22 23:00	1
Methacrylonitrile	ND		10	0.69	ug/L			10/10/22 23:00	1
Methyl methacrylate	ND		10	0.61	ug/L			10/10/22 23:00	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/10/22 23:00	1
Naphthalene	ND		1.0	0.43	ug/L			10/10/22 23:00	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/10/22 23:00	1
Propionitrile	ND		50	5.8	ug/L			10/10/22 23:00	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21

Lab Sample ID: 480-202457-7

Matrix: Water

Date Collected: 10/03/22 17:30

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/10/22 23:00	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/10/22 23:00	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/10/22 23:00	1
Toluene	ND		2.0	0.51	ug/L			10/10/22 23:00	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/10/22 23:00	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/10/22 23:00	1
Trichloroethene	ND		2.0	0.46	ug/L			10/10/22 23:00	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/10/22 23:00	1
Vinyl acetate	ND		10	0.85	ug/L			10/10/22 23:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/10/22 23:00	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/10/22 23:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		77 - 120					10/10/22 23:00	1
4-Bromofluorobenzene (Surr)	87		73 - 120					10/10/22 23:00	1
Toluene-d8 (Surr)	84		80 - 120					10/10/22 23:00	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/09/22 18:49	10/10/22 01:10	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		10/09/22 18:49	10/10/22 01:10	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 21:03	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 21:03	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 21:03	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 21:03	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 21:03	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 21:03	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	80		19 - 120				10/13/22 08:28	10/13/22 21:03	1
Tetrachloro-m-xylene	79		39 - 121				10/13/22 08:28	10/13/22 21:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	1.9		1.0	0.43	mg/L			10/18/22 13:57	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.27			SU				10/03/22 17:30	1
Field Conductivity	1131			umhos/cm				10/03/22 17:30	1
Field Temperature	14.3			Degrees C				10/03/22 17:30	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-22

Date Collected: 10/03/22 17:56

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-8

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/11/22 19:18	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/11/22 19:18	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/11/22 19:18	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/11/22 19:18	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/11/22 19:18	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/11/22 19:18	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/11/22 19:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/11/22 19:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/11/22 19:18	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/11/22 19:18	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/11/22 19:18	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/11/22 19:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/11/22 19:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/11/22 19:18	1
1,4-Dioxane	ND		40	9.3	ug/L			10/11/22 19:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/11/22 19:18	1
2-Hexanone	ND		10	1.2	ug/L			10/11/22 19:18	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/11/22 19:18	1
Acetone	ND		10	3.0	ug/L			10/11/22 19:18	1
Acetonitrile	ND		170	4.9	ug/L			10/11/22 19:18	1
Acrolein	ND		20	0.91	ug/L			10/11/22 19:18	1
Acrylonitrile	ND		20	0.83	ug/L			10/11/22 19:18	1
Allyl chloride	ND		2.0	0.44	ug/L			10/11/22 19:18	1
Benzene	ND		2.0	0.41	ug/L			10/11/22 19:18	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/11/22 19:18	1
Bromoform	ND		2.0	0.26	ug/L			10/11/22 19:18	1
Bromomethane	ND		2.0	0.69	ug/L			10/11/22 19:18	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/11/22 19:18	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/11/22 19:18	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/11/22 19:18	1
Chloroethane	ND		2.0	0.32	ug/L			10/11/22 19:18	1
Chloroform	ND		2.0	0.34	ug/L			10/11/22 19:18	1
Chloromethane	ND	**+	2.0	0.35	ug/L			10/11/22 19:18	1
Chloroprene	ND		1.0	0.49	ug/L			10/11/22 19:18	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/11/22 19:18	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/11/22 19:18	1
Dibromomethane	ND		2.0	0.41	ug/L			10/11/22 19:18	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/11/22 19:18	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/11/22 19:18	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/11/22 19:18	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/11/22 19:18	1
Iodomethane	ND		2.0	0.30	ug/L			10/11/22 19:18	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/11/22 19:18	1
Methacrylonitrile	ND		10	0.69	ug/L			10/11/22 19:18	1
Methyl methacrylate	ND		10	0.61	ug/L			10/11/22 19:18	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/11/22 19:18	1
Naphthalene	ND		1.0	0.43	ug/L			10/11/22 19:18	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/11/22 19:18	1
Propionitrile	ND		50	5.8	ug/L			10/11/22 19:18	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-22

Lab Sample ID: 480-202457-8

Matrix: Water

Date Collected: 10/03/22 17:56

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/11/22 19:18	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/11/22 19:18	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/11/22 19:18	1
Toluene	ND		2.0	0.51	ug/L			10/11/22 19:18	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/11/22 19:18	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/11/22 19:18	1
Trichloroethene	ND		2.0	0.46	ug/L			10/11/22 19:18	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/11/22 19:18	1
Vinyl acetate	ND		10	0.85	ug/L			10/11/22 19:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/11/22 19:18	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/11/22 19:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120					10/11/22 19:18	1
4-Bromofluorobenzene (Surr)	110		73 - 120					10/11/22 19:18	1
Toluene-d8 (Surr)	99		80 - 120					10/11/22 19:18	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/09/22 18:49	10/10/22 01:29	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/09/22 18:49	10/10/22 01:29	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 10:35	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 10:35	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 10:35	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 10:35	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 10:35	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 10:35	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 10:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	43		19 - 120				10/13/22 15:38	10/14/22 10:35	1
Tetrachloro-m-xylene	68		39 - 121				10/13/22 15:38	10/14/22 10:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.1		1.0	0.43	mg/L			10/18/22 16:51	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.89			SU				10/03/22 17:56	1
Field Conductivity	2150			umhos/cm				10/03/22 17:56	1
Field Temperature	14.5			Degrees C				10/03/22 17:56	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-26

Date Collected: 10/04/22 09:54

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-9

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 15:31	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 15:31	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 15:31	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 15:31	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/12/22 15:31	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 15:31	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 15:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 15:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 15:31	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 15:31	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/12/22 15:31	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 15:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 15:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 15:31	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 15:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 15:31	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 15:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 15:31	1
Acetone	ND		10	3.0	ug/L			10/12/22 15:31	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 15:31	1
Acrolein	ND		20	0.91	ug/L			10/12/22 15:31	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 15:31	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 15:31	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 15:31	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 15:31	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 15:31	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 15:31	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 15:31	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 15:31	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 15:31	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 15:31	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 15:31	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 15:31	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 15:31	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 15:31	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 15:31	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 15:31	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 15:31	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 15:31	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 15:31	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 15:31	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 15:31	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 15:31	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 15:31	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 15:31	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 15:31	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 15:31	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 15:31	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 15:31	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-26

Lab Sample ID: 480-202457-9

Matrix: Water

Date Collected: 10/04/22 09:54

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 15:31	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 15:31	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 15:31	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 15:31	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 15:31	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 15:31	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 15:31	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 15:31	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 15:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/22 15:31	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 15:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		77 - 120					10/12/22 15:31	1
4-Bromofluorobenzene (Surr)	88		73 - 120					10/12/22 15:31	1
Toluene-d8 (Surr)	89		80 - 120					10/12/22 15:31	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/09/22 18:49	10/10/22 01:49	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/09/22 18:49	10/10/22 01:49	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 10:48	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 10:48	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 10:48	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 10:48	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 10:48	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 10:48	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 10:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	52		19 - 120				10/13/22 15:38	10/14/22 10:48	1
Tetrachloro-m-xylene	66		39 - 121				10/13/22 15:38	10/14/22 10:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	5.7		1.0	0.43	mg/L			10/18/22 17:49	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.71			SU				10/04/22 09:54	1
Field Conductivity	1962			umhos/cm				10/04/22 09:54	1
Field Temperature	14.4			Degrees C				10/04/22 09:54	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-25

Date Collected: 10/04/22 10:29

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-10

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 15:54	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 15:54	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 15:54	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 15:54	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/12/22 15:54	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 15:54	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 15:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 15:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 15:54	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 15:54	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/12/22 15:54	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 15:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 15:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 15:54	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 15:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 15:54	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 15:54	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 15:54	1
Acetone	ND		10	3.0	ug/L			10/12/22 15:54	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 15:54	1
Acrolein	ND		20	0.91	ug/L			10/12/22 15:54	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 15:54	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 15:54	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 15:54	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 15:54	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 15:54	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 15:54	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 15:54	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 15:54	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 15:54	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 15:54	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 15:54	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 15:54	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 15:54	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 15:54	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 15:54	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 15:54	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 15:54	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 15:54	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 15:54	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 15:54	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 15:54	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 15:54	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 15:54	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 15:54	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 15:54	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 15:54	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 15:54	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 15:54	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-25

Lab Sample ID: 480-202457-10

Matrix: Water

Date Collected: 10/04/22 10:29

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 15:54	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 15:54	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 15:54	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 15:54	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 15:54	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 15:54	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 15:54	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 15:54	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 15:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/22 15:54	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		77 - 120					10/12/22 15:54	1
4-Bromofluorobenzene (Surr)	88		73 - 120					10/12/22 15:54	1
Toluene-d8 (Surr)	83		80 - 120					10/12/22 15:54	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/09/22 18:49	10/10/22 02:09	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/09/22 18:49	10/10/22 02:09	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:02	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:02	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:02	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:02	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:02	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 11:02	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 11:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		19 - 120				10/13/22 15:38	10/14/22 11:02	1
Tetrachloro-m-xylene	78		39 - 121				10/13/22 15:38	10/14/22 11:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.3		1.0	0.43	mg/L			10/18/22 18:18	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.79			SU				10/04/22 10:29	1
Field Conductivity	1543			umhos/cm				10/04/22 10:29	1
Field Temperature	15.1			Degrees C				10/04/22 10:29	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: DUP TSCA 1

Date Collected: 10/04/22 10:29

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-11

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 16:16	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 16:16	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 16:16	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 16:16	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/12/22 16:16	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 16:16	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 16:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 16:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 16:16	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 16:16	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/12/22 16:16	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 16:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 16:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 16:16	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 16:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 16:16	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 16:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 16:16	1
Acetone	ND		10	3.0	ug/L			10/12/22 16:16	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 16:16	1
Acrolein	ND		20	0.91	ug/L			10/12/22 16:16	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 16:16	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 16:16	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 16:16	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 16:16	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 16:16	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 16:16	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 16:16	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 16:16	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 16:16	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 16:16	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 16:16	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 16:16	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 16:16	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 16:16	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 16:16	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 16:16	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 16:16	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 16:16	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 16:16	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 16:16	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 16:16	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 16:16	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 16:16	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 16:16	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 16:16	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 16:16	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 16:16	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 16:16	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA 1

Lab Sample ID: 480-202457-11

Matrix: Water

Date Collected: 10/04/22 10:29

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 16:16	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 16:16	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 16:16	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 16:16	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 16:16	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 16:16	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 16:16	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 16:16	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 16:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/22 16:16	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		77 - 120		10/12/22 16:16	1
4-Bromofluorobenzene (Surr)	89		73 - 120		10/12/22 16:16	1
Toluene-d8 (Surr)	85		80 - 120		10/12/22 16:16	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/09/22 18:49	10/10/22 02:29	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/09/22 18:49	10/10/22 02:29	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:15	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:15	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:15	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:15	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:15	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 11:15	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 11:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		19 - 120		10/13/22 15:38	10/14/22 11:15
Tetrachloro-m-xylene	80		39 - 121		10/13/22 15:38	10/14/22 11:15

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.2		1.0	0.43	mg/L			10/18/22 18:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.79			SU				10/04/22 10:29	1
Field Conductivity	1543			umhos/cm				10/04/22 10:29	1
Field Temperature	15.1			Degrees C				10/04/22 10:29	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-10

Date Collected: 10/04/22 16:29

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-12

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 16:39	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 16:39	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 16:39	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 16:39	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/12/22 16:39	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 16:39	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 16:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 16:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 16:39	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 16:39	1
1,2-Dichloroethene, Total	0.87 J		2.0	0.81	ug/L			10/12/22 16:39	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 16:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 16:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 16:39	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 16:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 16:39	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 16:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 16:39	1
Acetone	ND		10	3.0	ug/L			10/12/22 16:39	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 16:39	1
Acrolein	ND		20	0.91	ug/L			10/12/22 16:39	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 16:39	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 16:39	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 16:39	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 16:39	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 16:39	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 16:39	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 16:39	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 16:39	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 16:39	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 16:39	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 16:39	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 16:39	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 16:39	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 16:39	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 16:39	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 16:39	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 16:39	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 16:39	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 16:39	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 16:39	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 16:39	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 16:39	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 16:39	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 16:39	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 16:39	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 16:39	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 16:39	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 16:39	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-10

Lab Sample ID: 480-202457-12

Matrix: Water

Date Collected: 10/04/22 16:29

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 16:39	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 16:39	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 16:39	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 16:39	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 16:39	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 16:39	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 16:39	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 16:39	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 16:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/22 16:39	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		77 - 120					10/12/22 16:39	1
4-Bromofluorobenzene (Surr)	89		73 - 120					10/12/22 16:39	1
Toluene-d8 (Surr)	84		80 - 120					10/12/22 16:39	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/09/22 18:49	10/10/22 02:49	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/09/22 18:49	10/10/22 02:49	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:29	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:29	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:29	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:29	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:29	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 11:29	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 11:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		19 - 120				10/13/22 15:38	10/14/22 11:29	1
Tetrachloro-m-xylene	71		39 - 121				10/13/22 15:38	10/14/22 11:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	7.3		1.0	0.43	mg/L			10/18/22 19:15	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.29			SU				10/04/22 16:29	1
Field Conductivity	1067			umhos/cm				10/04/22 16:29	1
Field Temperature	14.6			Degrees C				10/04/22 16:29	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: DUP TSCA 2

Date Collected: 10/04/22 16:29

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-13

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 17:01	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 17:01	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 17:01	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 17:01	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/12/22 17:01	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 17:01	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 17:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 17:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 17:01	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 17:01	1
1,2-Dichloroethene, Total	0.90	J	2.0	0.81	ug/L			10/12/22 17:01	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 17:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 17:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 17:01	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 17:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 17:01	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 17:01	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 17:01	1
Acetone	ND		10	3.0	ug/L			10/12/22 17:01	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 17:01	1
Acrolein	ND		20	0.91	ug/L			10/12/22 17:01	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 17:01	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 17:01	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 17:01	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 17:01	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 17:01	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 17:01	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 17:01	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 17:01	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 17:01	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 17:01	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 17:01	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 17:01	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 17:01	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 17:01	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 17:01	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 17:01	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 17:01	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 17:01	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 17:01	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 17:01	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 17:01	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 17:01	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 17:01	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 17:01	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 17:01	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 17:01	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 17:01	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 17:01	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA 2

Lab Sample ID: 480-202457-13

Matrix: Water

Date Collected: 10/04/22 16:29

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 17:01	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 17:01	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 17:01	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 17:01	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 17:01	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 17:01	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 17:01	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 17:01	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 17:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/22 17:01	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 17:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		77 - 120					10/12/22 17:01	1
4-Bromofluorobenzene (Surr)	92		73 - 120					10/12/22 17:01	1
Toluene-d8 (Surr)	87		80 - 120					10/12/22 17:01	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/09/22 18:49	10/10/22 03:08	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/09/22 18:49	10/10/22 03:08	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:42	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:42	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:42	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:42	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:42	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 11:42	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 11:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		19 - 120				10/13/22 15:38	10/14/22 11:42	1
Tetrachloro-m-xylene	84		39 - 121				10/13/22 15:38	10/14/22 11:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	7.2		1.0	0.43	mg/L			10/18/22 19:44	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.29			SU				10/04/22 16:29	1
Field Conductivity	1067			umhos/cm				10/04/22 16:29	1
Field Temperature	14.6			Degrees C				10/04/22 16:29	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-14

Date Collected: 10/04/22 17:05

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-14

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 17:23	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 17:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 17:23	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 17:23	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/12/22 17:23	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 17:23	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 17:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 17:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 17:23	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 17:23	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/12/22 17:23	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 17:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 17:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 17:23	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 17:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 17:23	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 17:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 17:23	1
Acetone	ND		10	3.0	ug/L			10/12/22 17:23	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 17:23	1
Acrolein	ND		20	0.91	ug/L			10/12/22 17:23	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 17:23	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 17:23	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 17:23	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 17:23	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 17:23	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 17:23	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 17:23	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 17:23	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 17:23	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 17:23	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 17:23	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 17:23	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 17:23	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 17:23	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 17:23	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 17:23	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 17:23	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 17:23	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 17:23	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 17:23	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 17:23	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 17:23	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 17:23	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 17:23	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 17:23	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 17:23	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 17:23	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 17:23	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-14

Lab Sample ID: 480-202457-14

Matrix: Water

Date Collected: 10/04/22 17:05

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 17:23	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 17:23	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 17:23	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 17:23	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 17:23	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 17:23	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 17:23	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 17:23	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 17:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/22 17:23	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		77 - 120					10/12/22 17:23	1
4-Bromofluorobenzene (Surr)	92		73 - 120					10/12/22 17:23	1
Toluene-d8 (Surr)	90		80 - 120					10/12/22 17:23	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/09/22 18:49	10/10/22 03:48	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/09/22 18:49	10/10/22 03:48	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:55	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:55	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:55	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:55	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 11:55	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 11:55	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 11:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		19 - 120				10/13/22 15:38	10/14/22 11:55	1
Tetrachloro-m-xylene	84		39 - 121				10/13/22 15:38	10/14/22 11:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	1.8		1.0	0.43	mg/L			10/18/22 21:42	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.99			SU				10/04/22 17:05	1
Field Conductivity	1059			umhos/cm				10/04/22 17:05	1
Field Temperature	14.4			Degrees C				10/04/22 17:05	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-13

Date Collected: 10/04/22 17:47

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-15

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 17:46	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 17:46	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 17:46	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 17:46	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/12/22 17:46	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 17:46	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 17:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 17:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 17:46	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 17:46	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/12/22 17:46	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 17:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 17:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 17:46	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 17:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 17:46	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 17:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 17:46	1
Acetone	ND		10	3.0	ug/L			10/12/22 17:46	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 17:46	1
Acrolein	ND		20	0.91	ug/L			10/12/22 17:46	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 17:46	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 17:46	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 17:46	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 17:46	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 17:46	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 17:46	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 17:46	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 17:46	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 17:46	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 17:46	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 17:46	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 17:46	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 17:46	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 17:46	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 17:46	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 17:46	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 17:46	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 17:46	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 17:46	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 17:46	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 17:46	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 17:46	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 17:46	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 17:46	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 17:46	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 17:46	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 17:46	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 17:46	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-13

Lab Sample ID: 480-202457-15

Matrix: Water

Date Collected: 10/04/22 17:47

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 17:46	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 17:46	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 17:46	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 17:46	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 17:46	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 17:46	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 17:46	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 17:46	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 17:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/22 17:46	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 17:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		77 - 120					10/12/22 17:46	1
4-Bromofluorobenzene (Surr)	97		73 - 120					10/12/22 17:46	1
Toluene-d8 (Surr)	89		80 - 120					10/12/22 17:46	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/09/22 18:49	10/10/22 04:08	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/09/22 18:49	10/10/22 04:08	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:09	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:09	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:09	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:09	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:09	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 12:09	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	57		19 - 120				10/13/22 15:38	10/14/22 12:09	1
Tetrachloro-m-xylene	86		39 - 121				10/13/22 15:38	10/14/22 12:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.0		1.0	0.43	mg/L			10/18/22 22:38	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.88			SU				10/04/22 17:47	1
Field Conductivity	1083			umhos/cm				10/04/22 17:47	1
Field Temperature	14.5			Degrees C				10/04/22 17:47	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-3

Date Collected: 10/04/22 18:34

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-16

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 18:08	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 18:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 18:08	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 18:08	1
1,1-Dichloroethane	20		2.0	0.38	ug/L			10/12/22 18:08	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 18:08	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 18:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 18:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 18:08	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 18:08	1
1,2-Dichloroethene, Total	17		2.0	0.81	ug/L			10/12/22 18:08	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 18:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 18:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 18:08	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 18:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 18:08	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 18:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 18:08	1
Acetone	ND		10	3.0	ug/L			10/12/22 18:08	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 18:08	1
Acrolein	ND		20	0.91	ug/L			10/12/22 18:08	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 18:08	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 18:08	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 18:08	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 18:08	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 18:08	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 18:08	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 18:08	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 18:08	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 18:08	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 18:08	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 18:08	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 18:08	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 18:08	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 18:08	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 18:08	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 18:08	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 18:08	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 18:08	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 18:08	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 18:08	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 18:08	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 18:08	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 18:08	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 18:08	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 18:08	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 18:08	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 18:08	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 18:08	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-3

Lab Sample ID: 480-202457-16

Matrix: Water

Date Collected: 10/04/22 18:34

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 18:08	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 18:08	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 18:08	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 18:08	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 18:08	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 18:08	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 18:08	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 18:08	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 18:08	1
Vinyl chloride	1.4		1.0	0.90	ug/L			10/12/22 18:08	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		77 - 120					10/12/22 18:08	1
4-Bromofluorobenzene (Surr)	93		73 - 120					10/12/22 18:08	1
Toluene-d8 (Surr)	87		80 - 120					10/12/22 18:08	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		10/09/22 18:49	10/10/22 04:28	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L		10/09/22 18:49	10/10/22 04:28	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:22	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:22	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:22	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:22	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:22	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 12:22	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 12:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		19 - 120				10/13/22 15:38	10/14/22 12:22	1
Tetrachloro-m-xylene	91		39 - 121				10/13/22 15:38	10/14/22 12:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.9		1.0	0.43	mg/L			10/18/22 23:06	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.94			SU				10/04/22 18:34	1
Field Conductivity	1162			umhos/cm				10/04/22 18:34	1
Field Temperature	14.5			Degrees C				10/04/22 18:34	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: DUP TSCA 3

Date Collected: 10/04/22 18:34

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-17

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 18:31	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 18:31	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 18:31	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 18:31	1
1,1-Dichloroethane	19		2.0	0.38	ug/L			10/12/22 18:31	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 18:31	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 18:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 18:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 18:31	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 18:31	1
1,2-Dichloroethene, Total	17		2.0	0.81	ug/L			10/12/22 18:31	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 18:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 18:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 18:31	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 18:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 18:31	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 18:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 18:31	1
Acetone	ND		10	3.0	ug/L			10/12/22 18:31	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 18:31	1
Acrolein	ND		20	0.91	ug/L			10/12/22 18:31	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 18:31	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 18:31	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 18:31	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 18:31	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 18:31	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 18:31	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 18:31	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 18:31	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 18:31	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 18:31	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 18:31	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 18:31	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 18:31	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 18:31	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 18:31	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 18:31	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 18:31	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 18:31	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 18:31	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 18:31	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 18:31	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 18:31	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 18:31	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 18:31	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 18:31	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 18:31	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 18:31	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 18:31	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA 3

Date Collected: 10/04/22 18:34

Lab Sample ID: 480-202457-17

Matrix: Water

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 18:31	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 18:31	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 18:31	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 18:31	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 18:31	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 18:31	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 18:31	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 18:31	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 18:31	1
Vinyl chloride	1.4		1.0	0.90	ug/L			10/12/22 18:31	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 18:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		77 - 120					10/12/22 18:31	1
4-Bromofluorobenzene (Surr)	95		73 - 120					10/12/22 18:31	1
Toluene-d8 (Surr)	86		80 - 120					10/12/22 18:31	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/09/22 19:25	10/10/22 05:47	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/09/22 19:25	10/10/22 05:47	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:35	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:35	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:35	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:35	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:35	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 12:35	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 12:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		19 - 120				10/13/22 15:38	10/14/22 12:35	1
Tetrachloro-m-xylene	96		39 - 121				10/13/22 15:38	10/14/22 12:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.8		1.0	0.43	mg/L			10/18/22 23:35	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.94			SU				10/04/22 18:34	1
Field Conductivity	1162			umhos/cm				10/04/22 18:34	1
Field Temperature	14.5			Degrees C				10/04/22 18:34	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-23

Date Collected: 10/04/22 11:14

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-18

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 18:53	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 18:53	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 18:53	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 18:53	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/12/22 18:53	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 18:53	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 18:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 18:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 18:53	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 18:53	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/12/22 18:53	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 18:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 18:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 18:53	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 18:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 18:53	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 18:53	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 18:53	1
Acetone	ND		10	3.0	ug/L			10/12/22 18:53	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 18:53	1
Acrolein	ND		20	0.91	ug/L			10/12/22 18:53	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 18:53	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 18:53	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 18:53	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 18:53	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 18:53	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 18:53	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 18:53	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 18:53	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 18:53	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 18:53	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 18:53	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 18:53	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 18:53	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 18:53	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 18:53	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 18:53	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 18:53	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 18:53	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 18:53	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 18:53	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 18:53	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 18:53	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 18:53	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 18:53	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 18:53	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 18:53	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 18:53	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 18:53	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-23

Lab Sample ID: 480-202457-18

Matrix: Water

Date Collected: 10/04/22 11:14

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 18:53	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 18:53	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 18:53	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 18:53	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 18:53	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 18:53	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 18:53	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 18:53	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 18:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/22 18:53	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		10/12/22 18:53	1
4-Bromofluorobenzene (Surr)	94		73 - 120		10/12/22 18:53	1
Toluene-d8 (Surr)	88		80 - 120		10/12/22 18:53	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/09/22 19:25	10/10/22 06:07	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/09/22 19:25	10/10/22 06:07	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:49	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:49	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:49	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:49	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 12:49	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 12:49	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 12:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		19 - 120		10/13/22 15:38	10/14/22 12:49
Tetrachloro-m-xylene	95		39 - 121		10/13/22 15:38	10/14/22 12:49

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.6		1.0	0.43	mg/L			10/19/22 00:04	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.99			SU				10/04/22 11:14	1
Field Conductivity	1017			umhos/cm				10/04/22 11:14	1
Field Temperature	14.8			Degrees C				10/04/22 11:14	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-24

Date Collected: 10/04/22 12:21

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-19

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 19:15	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 19:15	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 19:15	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 19:15	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/12/22 19:15	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 19:15	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 19:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 19:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 19:15	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 19:15	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/12/22 19:15	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 19:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 19:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 19:15	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 19:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 19:15	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 19:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 19:15	1
Acetone	ND		10	3.0	ug/L			10/12/22 19:15	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 19:15	1
Acrolein	ND		20	0.91	ug/L			10/12/22 19:15	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 19:15	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 19:15	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 19:15	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 19:15	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 19:15	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 19:15	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 19:15	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 19:15	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 19:15	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 19:15	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 19:15	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 19:15	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 19:15	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 19:15	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 19:15	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 19:15	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 19:15	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 19:15	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 19:15	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 19:15	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 19:15	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 19:15	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 19:15	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 19:15	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 19:15	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 19:15	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 19:15	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 19:15	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-24

Lab Sample ID: 480-202457-19

Matrix: Water

Date Collected: 10/04/22 12:21

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 19:15	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 19:15	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 19:15	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 19:15	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 19:15	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 19:15	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 19:15	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 19:15	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 19:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/22 19:15	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		77 - 120					10/12/22 19:15	1
4-Bromofluorobenzene (Surr)	91		73 - 120					10/12/22 19:15	1
Toluene-d8 (Surr)	83		80 - 120					10/12/22 19:15	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			10/09/22 19:25	10/10/22 06:26
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			10/09/22 19:25	10/10/22 06:26

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:02
PCB-1221	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:02
PCB-1232	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:02
PCB-1242	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:02
PCB-1248	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:02
PCB-1254	ND		0.50	0.25	ug/L			10/13/22 15:38	10/14/22 13:02
PCB-1260	ND		0.50	0.25	ug/L			10/13/22 15:38	10/14/22 13:02
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	62		19 - 120					10/13/22 15:38	10/14/22 13:02
Tetrachloro-m-xylene	96		39 - 121					10/13/22 15:38	10/14/22 13:02

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	5.2		1.0	0.43	mg/L			10/19/22 00:34	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.56			SU				10/04/22 12:21	1
Field Conductivity	1875			umhos/cm				10/04/22 12:21	1
Field Temperature	14.4			Degrees C				10/04/22 12:21	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-19

Date Collected: 10/04/22 13:28

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-20

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 19:38	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 19:38	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 19:38	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 19:38	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/12/22 19:38	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 19:38	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 19:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 19:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 19:38	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 19:38	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/12/22 19:38	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 19:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 19:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 19:38	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 19:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 19:38	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 19:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 19:38	1
Acetone	ND		10	3.0	ug/L			10/12/22 19:38	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 19:38	1
Acrolein	ND		20	0.91	ug/L			10/12/22 19:38	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 19:38	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 19:38	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 19:38	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 19:38	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 19:38	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 19:38	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 19:38	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 19:38	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 19:38	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 19:38	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 19:38	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 19:38	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 19:38	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 19:38	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 19:38	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 19:38	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 19:38	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 19:38	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 19:38	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 19:38	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 19:38	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 19:38	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 19:38	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 19:38	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 19:38	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 19:38	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 19:38	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 19:38	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-19

Lab Sample ID: 480-202457-20

Matrix: Water

Date Collected: 10/04/22 13:28

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 19:38	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 19:38	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 19:38	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 19:38	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 19:38	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 19:38	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 19:38	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 19:38	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 19:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/22 19:38	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 19:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		77 - 120					10/12/22 19:38	1
4-Bromofluorobenzene (Surr)	85		73 - 120					10/12/22 19:38	1
Toluene-d8 (Surr)	86		80 - 120					10/12/22 19:38	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/09/22 19:25	10/10/22 06:46	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		10/09/22 19:25	10/10/22 06:46	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 13:16	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 13:16	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 13:16	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 13:16	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 13:16	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 13:16	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 13:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	71		19 - 120				10/13/22 15:38	10/14/22 13:16	1
Tetrachloro-m-xylene	99		39 - 121				10/13/22 15:38	10/14/22 13:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	1.6		1.0	0.43	mg/L			10/19/22 01:02	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.08			SU				10/04/22 13:28	1
Field Conductivity	1411			umhos/cm				10/04/22 13:28	1
Field Temperature	14.3			Degrees C				10/04/22 13:28	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-20

Date Collected: 10/04/22 14:00

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-21

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 20:00	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 20:00	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 20:00	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 20:00	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/12/22 20:00	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 20:00	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 20:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 20:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 20:00	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 20:00	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/12/22 20:00	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 20:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 20:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 20:00	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 20:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 20:00	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 20:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 20:00	1
Acetone	ND		10	3.0	ug/L			10/12/22 20:00	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 20:00	1
Acrolein	ND		20	0.91	ug/L			10/12/22 20:00	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 20:00	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 20:00	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 20:00	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 20:00	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 20:00	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 20:00	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 20:00	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 20:00	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 20:00	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 20:00	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 20:00	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 20:00	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 20:00	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 20:00	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 20:00	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 20:00	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 20:00	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 20:00	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 20:00	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 20:00	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 20:00	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 20:00	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 20:00	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 20:00	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 20:00	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 20:00	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 20:00	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 20:00	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-20

Lab Sample ID: 480-202457-21

Matrix: Water

Date Collected: 10/04/22 14:00

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 20:00	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 20:00	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 20:00	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 20:00	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 20:00	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 20:00	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 20:00	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 20:00	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 20:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/22 20:00	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 20:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		77 - 120					10/12/22 20:00	1
4-Bromofluorobenzene (Surr)	90		73 - 120					10/12/22 20:00	1
Toluene-d8 (Surr)	86		80 - 120					10/12/22 20:00	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L			10/09/22 19:25	10/10/22 07:26
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L			10/09/22 19:25	10/10/22 07:26

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:29
PCB-1221	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:29
PCB-1232	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:29
PCB-1242	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:29
PCB-1248	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:29
PCB-1254	ND		0.50	0.25	ug/L			10/13/22 15:38	10/14/22 13:29
PCB-1260	ND		0.50	0.25	ug/L			10/13/22 15:38	10/14/22 13:29
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	71		19 - 120					10/13/22 15:38	10/14/22 13:29
Tetrachloro-m-xylene	89		39 - 121					10/13/22 15:38	10/14/22 13:29

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	1.4		1.0	0.43	mg/L			10/19/22 01:31	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.17			SU				10/04/22 14:00	1
Field Conductivity	1690			umhos/cm				10/04/22 14:00	1
Field Temperature	14.5			Degrees C				10/04/22 14:00	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-11

Date Collected: 10/04/22 15:02

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-22

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 20:23	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 20:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 20:23	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 20:23	1
1,1-Dichloroethane	0.68	J	2.0	0.38	ug/L			10/12/22 20:23	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 20:23	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 20:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 20:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 20:23	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 20:23	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/12/22 20:23	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 20:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 20:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 20:23	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 20:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 20:23	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 20:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 20:23	1
Acetone	ND		10	3.0	ug/L			10/12/22 20:23	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 20:23	1
Acrolein	ND		20	0.91	ug/L			10/12/22 20:23	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 20:23	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 20:23	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 20:23	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 20:23	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 20:23	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 20:23	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 20:23	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 20:23	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 20:23	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 20:23	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 20:23	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 20:23	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 20:23	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 20:23	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 20:23	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 20:23	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 20:23	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 20:23	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 20:23	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 20:23	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 20:23	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 20:23	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 20:23	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 20:23	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 20:23	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 20:23	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 20:23	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 20:23	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-11

Lab Sample ID: 480-202457-22

Matrix: Water

Date Collected: 10/04/22 15:02

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 20:23	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 20:23	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 20:23	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 20:23	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 20:23	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 20:23	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 20:23	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 20:23	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 20:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/22 20:23	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 20:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		77 - 120					10/12/22 20:23	1
4-Bromofluorobenzene (Surr)	89		73 - 120					10/12/22 20:23	1
Toluene-d8 (Surr)	90		80 - 120					10/12/22 20:23	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		10/09/22 19:25	10/10/22 07:46	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/09/22 19:25	10/10/22 07:46	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 13:42	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 13:42	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 13:42	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 13:42	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 13:42	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 13:42	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		19 - 120				10/13/22 15:38	10/14/22 13:42	1
Tetrachloro-m-xylene	95		39 - 121				10/13/22 15:38	10/14/22 13:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.1		1.0	0.43	mg/L			10/19/22 04:25	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.86			SU				10/04/22 15:02	1
Field Conductivity	1238			umhos/cm				10/04/22 15:02	1
Field Temperature	14.5			Degrees C				10/04/22 15:02	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-12

Date Collected: 10/04/22 15:24

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-23

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 20:45	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 20:45	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 20:45	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 20:45	1
1,1-Dichloroethane	0.76 J		2.0	0.38	ug/L			10/12/22 20:45	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 20:45	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 20:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 20:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 20:45	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 20:45	1
1,2-Dichloroethene, Total	12		2.0	0.81	ug/L			10/12/22 20:45	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 20:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 20:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 20:45	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 20:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 20:45	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 20:45	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 20:45	1
Acetone	ND		10	3.0	ug/L			10/12/22 20:45	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 20:45	1
Acrolein	ND		20	0.91	ug/L			10/12/22 20:45	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 20:45	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 20:45	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 20:45	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 20:45	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 20:45	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 20:45	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 20:45	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 20:45	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 20:45	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 20:45	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 20:45	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 20:45	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 20:45	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 20:45	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 20:45	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 20:45	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 20:45	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 20:45	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 20:45	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 20:45	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 20:45	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 20:45	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 20:45	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 20:45	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 20:45	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 20:45	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 20:45	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 20:45	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-12

Lab Sample ID: 480-202457-23

Matrix: Water

Date Collected: 10/04/22 15:24

Date Received: 10/06/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/12/22 20:45	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 20:45	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 20:45	1
Toluene	ND		2.0	0.51	ug/L			10/12/22 20:45	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 20:45	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 20:45	1
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 20:45	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 20:45	1
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 20:45	1
Vinyl chloride	1.5		1.0	0.90	ug/L			10/12/22 20:45	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 20:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		77 - 120					10/12/22 20:45	1
4-Bromofluorobenzene (Surr)	92		73 - 120					10/12/22 20:45	1
Toluene-d8 (Surr)	87		80 - 120					10/12/22 20:45	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			10/09/22 19:25	10/10/22 08:05
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			10/09/22 19:25	10/10/22 08:05

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:56
PCB-1221	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:56
PCB-1232	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:56
PCB-1242	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:56
PCB-1248	ND		0.50	0.18	ug/L			10/13/22 15:38	10/14/22 13:56
PCB-1254	ND		0.50	0.25	ug/L			10/13/22 15:38	10/14/22 13:56
PCB-1260	ND		0.50	0.25	ug/L			10/13/22 15:38	10/14/22 13:56
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	66		19 - 120					10/13/22 15:38	10/14/22 13:56
Tetrachloro-m-xylene	97		39 - 121					10/13/22 15:38	10/14/22 13:56

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.7		1.0	0.43	mg/L			10/19/22 05:23	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.87			SU				10/04/22 15:24	1
Field Conductivity	1142			umhos/cm				10/04/22 15:24	1
Field Temperature	14.4			Degrees C				10/04/22 15:24	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: TRIP BLANK

Date Collected: 10/04/22 00:00

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-24

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 21:08	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 21:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 21:08	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 21:08	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/12/22 21:08	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 21:08	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 21:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 21:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 21:08	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 21:08	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/12/22 21:08	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 21:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 21:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 21:08	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 21:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 21:08	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 21:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 21:08	1
Acetone	ND		10	3.0	ug/L			10/12/22 21:08	1
Acetonitrile	ND		170	4.9	ug/L			10/12/22 21:08	1
Acrolein	ND		20	0.91	ug/L			10/12/22 21:08	1
Acrylonitrile	ND		20	0.83	ug/L			10/12/22 21:08	1
Allyl chloride	ND		2.0	0.44	ug/L			10/12/22 21:08	1
Benzene	ND		2.0	0.41	ug/L			10/12/22 21:08	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/12/22 21:08	1
Bromoform	ND		2.0	0.26	ug/L			10/12/22 21:08	1
Bromomethane	ND		2.0	0.69	ug/L			10/12/22 21:08	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/12/22 21:08	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/12/22 21:08	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/12/22 21:08	1
Chloroethane	ND		2.0	0.32	ug/L			10/12/22 21:08	1
Chloroform	ND		2.0	0.34	ug/L			10/12/22 21:08	1
Chloromethane	ND		2.0	0.35	ug/L			10/12/22 21:08	1
Chloroprene	ND		1.0	0.49	ug/L			10/12/22 21:08	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/12/22 21:08	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/12/22 21:08	1
Dibromomethane	ND		2.0	0.41	ug/L			10/12/22 21:08	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/12/22 21:08	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/12/22 21:08	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/12/22 21:08	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/12/22 21:08	1
Iodomethane	ND		2.0	0.30	ug/L			10/12/22 21:08	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/12/22 21:08	1
Methacrylonitrile	ND		10	0.69	ug/L			10/12/22 21:08	1
Methyl methacrylate	ND		10	0.61	ug/L			10/12/22 21:08	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/12/22 21:08	1
Naphthalene	ND		1.0	0.43	ug/L			10/12/22 21:08	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/12/22 21:08	1
Propionitrile	ND		50	5.8	ug/L			10/12/22 21:08	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: TRIP BLANK

Date Collected: 10/04/22 00:00

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-24

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	1
Styrene	ND		2.0	0.73	ug/L			10/12/22 21:08	1	2
Tetrachloroethene	ND		2.0	0.36	ug/L			10/12/22 21:08	1	3
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/12/22 21:08	1	4
Toluene	ND		2.0	0.51	ug/L			10/12/22 21:08	1	5
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/12/22 21:08	1	6
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/12/22 21:08	1	7
Trichloroethene	ND		2.0	0.46	ug/L			10/12/22 21:08	1	8
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/12/22 21:08	1	9
Vinyl acetate	ND		10	0.85	ug/L			10/12/22 21:08	1	10
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/22 21:08	1	11
Xylenes, Total	ND		3.0	0.66	ug/L			10/12/22 21:08	1	12
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	13
1,2-Dichloroethane-d4 (Surr)	94		77 - 120					10/12/22 21:08	1	14
4-Bromofluorobenzene (Surr)	84		73 - 120					10/12/22 21:08	1	15
Toluene-d8 (Surr)	89		80 - 120					10/12/22 21:08	1	16

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: LD-4

Date Collected: 10/04/22 08:28

Date Received: 10/07/22 10:30

Lab Sample ID: 480-202461-1

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/13/22 16:39	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/13/22 16:39	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/13/22 16:39	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/13/22 16:39	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/13/22 16:39	1
1,1-Dichloroethene	ND *1		2.0	0.29	ug/L			10/13/22 16:39	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/13/22 16:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/13/22 16:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/13/22 16:39	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/13/22 16:39	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/13/22 16:39	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/13/22 16:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/13/22 16:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/13/22 16:39	1
1,4-Dioxane	ND *1		40	9.3	ug/L			10/13/22 16:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/13/22 16:39	1
2-Hexanone	ND		10	1.2	ug/L			10/13/22 16:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/13/22 16:39	1
Acetone	ND		10	3.0	ug/L			10/13/22 16:39	1
Acetonitrile	ND		170	4.9	ug/L			10/13/22 16:39	1
Acrolein	ND		20	0.91	ug/L			10/13/22 16:39	1
Acrylonitrile	ND		20	0.83	ug/L			10/13/22 16:39	1
Allyl chloride	ND		2.0	0.44	ug/L			10/13/22 16:39	1
Benzene	ND		2.0	0.41	ug/L			10/13/22 16:39	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/13/22 16:39	1
Bromoform	ND		2.0	0.26	ug/L			10/13/22 16:39	1
Bromomethane	ND		2.0	0.69	ug/L			10/13/22 16:39	1
Carbon disulfide	ND *1		2.0	0.19	ug/L			10/13/22 16:39	1
Carbon tetrachloride	ND *1		2.0	0.27	ug/L			10/13/22 16:39	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/13/22 16:39	1
Chloroethane	ND		2.0	0.32	ug/L			10/13/22 16:39	1
Chloroform	ND		2.0	0.34	ug/L			10/13/22 16:39	1
Chloromethane	ND		2.0	0.35	ug/L			10/13/22 16:39	1
Chloroprene	ND		1.0	0.49	ug/L			10/13/22 16:39	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/13/22 16:39	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/13/22 16:39	1
Dibromomethane	ND		2.0	0.41	ug/L			10/13/22 16:39	1
Dichlorodifluoromethane	ND *1		2.0	0.68	ug/L			10/13/22 16:39	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/13/22 16:39	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/13/22 16:39	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/13/22 16:39	1
Iodomethane	ND		2.0	0.30	ug/L			10/13/22 16:39	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/13/22 16:39	1
Methacrylonitrile	ND		10	0.69	ug/L			10/13/22 16:39	1
Methyl methacrylate	ND		10	0.61	ug/L			10/13/22 16:39	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/13/22 16:39	1
Naphthalene	ND		1.0	0.43	ug/L			10/13/22 16:39	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/13/22 16:39	1
Propionitrile	ND		50	5.8	ug/L			10/13/22 16:39	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-4

Lab Sample ID: 480-202461-1

Matrix: Water

Date Collected: 10/04/22 08:28

Date Received: 10/07/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/13/22 16:39	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/13/22 16:39	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/13/22 16:39	1
Toluene	ND		2.0	0.51	ug/L			10/13/22 16:39	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/13/22 16:39	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/13/22 16:39	1
Trichloroethene	ND		2.0	0.46	ug/L			10/13/22 16:39	1
Trichlorofluoromethane	ND *1		2.0	0.88	ug/L			10/13/22 16:39	1
Vinyl acetate	ND		10	0.85	ug/L			10/13/22 16:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/13/22 16:39	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/13/22 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120					10/13/22 16:39	1
4-Bromofluorobenzene (Surr)	100		73 - 120					10/13/22 16:39	1
Toluene-d8 (Surr)	98		80 - 120					10/13/22 16:39	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			10/11/22 15:26	10/12/22 00:17
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			10/11/22 15:26	10/12/22 00:17

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			10/15/22 07:35	10/16/22 18:53
PCB-1221	ND		0.50	0.18	ug/L			10/15/22 07:35	10/16/22 18:53
PCB-1232	ND		0.50	0.18	ug/L			10/15/22 07:35	10/16/22 18:53
PCB-1242	ND		0.50	0.18	ug/L			10/15/22 07:35	10/16/22 18:53
PCB-1248	ND		0.50	0.18	ug/L			10/15/22 07:35	10/16/22 18:53
PCB-1254	ND		0.50	0.25	ug/L			10/15/22 07:35	10/16/22 18:53
PCB-1260	ND		0.50	0.25	ug/L			10/15/22 07:35	10/16/22 18:53
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	57		19 - 120					10/15/22 07:35	10/16/22 18:53
Tetrachloro-m-xylene	76		39 - 121					10/15/22 07:35	10/16/22 18:53

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.5		1.0	0.43	mg/L			10/18/22 14:48	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.53			SU				10/04/22 08:28	1
Field Conductivity	1750			umhos/cm				10/04/22 08:28	1
Field Temperature	14.6			Degrees C				10/04/22 08:28	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: LD-3

Date Collected: 10/04/22 08:50

Date Received: 10/07/22 10:30

Lab Sample ID: 480-202461-2

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/13/22 17:02	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/13/22 17:02	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/13/22 17:02	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/13/22 17:02	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/13/22 17:02	1
1,1-Dichloroethene	ND *1		2.0	0.29	ug/L			10/13/22 17:02	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/13/22 17:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/13/22 17:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/13/22 17:02	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/13/22 17:02	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/13/22 17:02	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/13/22 17:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/13/22 17:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/13/22 17:02	1
1,4-Dioxane	ND *1		40	9.3	ug/L			10/13/22 17:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/13/22 17:02	1
2-Hexanone	ND		10	1.2	ug/L			10/13/22 17:02	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/13/22 17:02	1
Acetone	ND		10	3.0	ug/L			10/13/22 17:02	1
Acetonitrile	ND		170	4.9	ug/L			10/13/22 17:02	1
Acrolein	ND		20	0.91	ug/L			10/13/22 17:02	1
Acrylonitrile	ND		20	0.83	ug/L			10/13/22 17:02	1
Allyl chloride	ND		2.0	0.44	ug/L			10/13/22 17:02	1
Benzene	ND		2.0	0.41	ug/L			10/13/22 17:02	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/13/22 17:02	1
Bromoform	ND		2.0	0.26	ug/L			10/13/22 17:02	1
Bromomethane	ND		2.0	0.69	ug/L			10/13/22 17:02	1
Carbon disulfide	ND *1		2.0	0.19	ug/L			10/13/22 17:02	1
Carbon tetrachloride	ND *1		2.0	0.27	ug/L			10/13/22 17:02	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/13/22 17:02	1
Chloroethane	ND		2.0	0.32	ug/L			10/13/22 17:02	1
Chloroform	ND		2.0	0.34	ug/L			10/13/22 17:02	1
Chloromethane	ND		2.0	0.35	ug/L			10/13/22 17:02	1
Chloroprene	ND		1.0	0.49	ug/L			10/13/22 17:02	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/13/22 17:02	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/13/22 17:02	1
Dibromomethane	ND		2.0	0.41	ug/L			10/13/22 17:02	1
Dichlorodifluoromethane	ND *1		2.0	0.68	ug/L			10/13/22 17:02	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/13/22 17:02	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/13/22 17:02	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/13/22 17:02	1
Iodomethane	ND		2.0	0.30	ug/L			10/13/22 17:02	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/13/22 17:02	1
Methacrylonitrile	ND		10	0.69	ug/L			10/13/22 17:02	1
Methyl methacrylate	ND		10	0.61	ug/L			10/13/22 17:02	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/13/22 17:02	1
Naphthalene	ND		1.0	0.43	ug/L			10/13/22 17:02	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/13/22 17:02	1
Propionitrile	ND		50	5.8	ug/L			10/13/22 17:02	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-3

Lab Sample ID: 480-202461-2

Matrix: Water

Date Collected: 10/04/22 08:50

Date Received: 10/07/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/13/22 17:02	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/13/22 17:02	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/13/22 17:02	1
Toluene	ND		2.0	0.51	ug/L			10/13/22 17:02	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/13/22 17:02	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/13/22 17:02	1
Trichloroethene	ND		2.0	0.46	ug/L			10/13/22 17:02	1
Trichlorofluoromethane	ND *1		2.0	0.88	ug/L			10/13/22 17:02	1
Vinyl acetate	ND		10	0.85	ug/L			10/13/22 17:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/13/22 17:02	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/13/22 17:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120					10/13/22 17:02	1
4-Bromofluorobenzene (Surr)	100		73 - 120					10/13/22 17:02	1
Toluene-d8 (Surr)	98		80 - 120					10/13/22 17:02	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/11/22 15:26	10/12/22 00:36	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/11/22 15:26	10/12/22 00:36	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:06	1
PCB-1221	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:06	1
PCB-1232	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:06	1
PCB-1242	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:06	1
PCB-1248	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:06	1
PCB-1254	ND		0.50	0.25	ug/L		10/15/22 07:35	10/16/22 19:06	1
PCB-1260	ND		0.50	0.25	ug/L		10/15/22 07:35	10/16/22 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	69		19 - 120				10/15/22 07:35	10/16/22 19:06	1
Tetrachloro-m-xylene	80		39 - 121				10/15/22 07:35	10/16/22 19:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.3		1.0	0.43	mg/L			10/18/22 15:17	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.65			SU				10/04/22 08:50	1
Field Conductivity	1951			umhos/cm				10/04/22 08:50	1
Field Temperature	14.8			Degrees C				10/04/22 08:50	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: LD-1

Date Collected: 10/04/22 11:50

Date Received: 10/07/22 10:30

Lab Sample ID: 480-202461-3

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/13/22 17:25	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/13/22 17:25	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/13/22 17:25	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/13/22 17:25	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/13/22 17:25	1
1,1-Dichloroethene	ND *1		2.0	0.29	ug/L			10/13/22 17:25	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/13/22 17:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/13/22 17:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/13/22 17:25	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/13/22 17:25	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/13/22 17:25	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/13/22 17:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/13/22 17:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/13/22 17:25	1
1,4-Dioxane	ND *1		40	9.3	ug/L			10/13/22 17:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/13/22 17:25	1
2-Hexanone	ND		10	1.2	ug/L			10/13/22 17:25	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/13/22 17:25	1
Acetone	ND		10	3.0	ug/L			10/13/22 17:25	1
Acetonitrile	ND		170	4.9	ug/L			10/13/22 17:25	1
Acrolein	ND		20	0.91	ug/L			10/13/22 17:25	1
Acrylonitrile	ND		20	0.83	ug/L			10/13/22 17:25	1
Allyl chloride	ND		2.0	0.44	ug/L			10/13/22 17:25	1
Benzene	ND		2.0	0.41	ug/L			10/13/22 17:25	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/13/22 17:25	1
Bromoform	ND		2.0	0.26	ug/L			10/13/22 17:25	1
Bromomethane	ND		2.0	0.69	ug/L			10/13/22 17:25	1
Carbon disulfide	ND *1		2.0	0.19	ug/L			10/13/22 17:25	1
Carbon tetrachloride	ND *1		2.0	0.27	ug/L			10/13/22 17:25	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/13/22 17:25	1
Chloroethane	ND		2.0	0.32	ug/L			10/13/22 17:25	1
Chloroform	ND		2.0	0.34	ug/L			10/13/22 17:25	1
Chloromethane	ND		2.0	0.35	ug/L			10/13/22 17:25	1
Chloroprene	ND		1.0	0.49	ug/L			10/13/22 17:25	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/13/22 17:25	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/13/22 17:25	1
Dibromomethane	ND		2.0	0.41	ug/L			10/13/22 17:25	1
Dichlorodifluoromethane	ND *1		2.0	0.68	ug/L			10/13/22 17:25	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/13/22 17:25	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/13/22 17:25	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/13/22 17:25	1
Iodomethane	ND		2.0	0.30	ug/L			10/13/22 17:25	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/13/22 17:25	1
Methacrylonitrile	ND		10	0.69	ug/L			10/13/22 17:25	1
Methyl methacrylate	ND		10	0.61	ug/L			10/13/22 17:25	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/13/22 17:25	1
Naphthalene	ND		1.0	0.43	ug/L			10/13/22 17:25	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/13/22 17:25	1
Propionitrile	ND		50	5.8	ug/L			10/13/22 17:25	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-1

Lab Sample ID: 480-202461-3

Matrix: Water

Date Collected: 10/04/22 11:50

Date Received: 10/07/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/13/22 17:25	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/13/22 17:25	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/13/22 17:25	1
Toluene	ND		2.0	0.51	ug/L			10/13/22 17:25	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/13/22 17:25	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/13/22 17:25	1
Trichloroethene	ND		2.0	0.46	ug/L			10/13/22 17:25	1
Trichlorofluoromethane	ND *1		2.0	0.88	ug/L			10/13/22 17:25	1
Vinyl acetate	ND		10	0.85	ug/L			10/13/22 17:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/13/22 17:25	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/13/22 17:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					10/13/22 17:25	1
4-Bromofluorobenzene (Surr)	99		73 - 120					10/13/22 17:25	1
Toluene-d8 (Surr)	100		80 - 120					10/13/22 17:25	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/11/22 15:26	10/12/22 00:56	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		10/11/22 15:26	10/12/22 00:56	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:20	1
PCB-1221	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:20	1
PCB-1232	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:20	1
PCB-1242	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:20	1
PCB-1248	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:20	1
PCB-1254	ND		0.50	0.25	ug/L		10/15/22 07:35	10/16/22 19:20	1
PCB-1260	ND		0.50	0.25	ug/L		10/15/22 07:35	10/16/22 19:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		19 - 120				10/15/22 07:35	10/16/22 19:20	1
Tetrachloro-m-xylene	84		39 - 121				10/15/22 07:35	10/16/22 19:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	13.4		1.0	0.43	mg/L			10/18/22 15:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.25			SU				10/04/22 11:50	1
Field Conductivity	2530			umhos/cm				10/04/22 11:50	1
Field Temperature	15.2			Degrees C				10/04/22 11:50	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: LD-2

Date Collected: 10/04/22 11:55

Date Received: 10/07/22 10:30

Lab Sample ID: 480-202461-4

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/13/22 17:48	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/13/22 17:48	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/13/22 17:48	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/13/22 17:48	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/13/22 17:48	1
1,1-Dichloroethene	ND *1		2.0	0.29	ug/L			10/13/22 17:48	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/13/22 17:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/13/22 17:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/13/22 17:48	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/13/22 17:48	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/13/22 17:48	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/13/22 17:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/13/22 17:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/13/22 17:48	1
1,4-Dioxane	ND *1		40	9.3	ug/L			10/13/22 17:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/13/22 17:48	1
2-Hexanone	ND		10	1.2	ug/L			10/13/22 17:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/13/22 17:48	1
Acetone	ND		10	3.0	ug/L			10/13/22 17:48	1
Acetonitrile	ND		170	4.9	ug/L			10/13/22 17:48	1
Acrolein	ND		20	0.91	ug/L			10/13/22 17:48	1
Acrylonitrile	ND		20	0.83	ug/L			10/13/22 17:48	1
Allyl chloride	ND		2.0	0.44	ug/L			10/13/22 17:48	1
Benzene	ND		2.0	0.41	ug/L			10/13/22 17:48	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/13/22 17:48	1
Bromoform	ND		2.0	0.26	ug/L			10/13/22 17:48	1
Bromomethane	ND		2.0	0.69	ug/L			10/13/22 17:48	1
Carbon disulfide	ND *1		2.0	0.19	ug/L			10/13/22 17:48	1
Carbon tetrachloride	ND *1		2.0	0.27	ug/L			10/13/22 17:48	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/13/22 17:48	1
Chloroethane	ND		2.0	0.32	ug/L			10/13/22 17:48	1
Chloroform	ND		2.0	0.34	ug/L			10/13/22 17:48	1
Chloromethane	ND		2.0	0.35	ug/L			10/13/22 17:48	1
Chloroprene	ND		1.0	0.49	ug/L			10/13/22 17:48	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/13/22 17:48	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/13/22 17:48	1
Dibromomethane	ND		2.0	0.41	ug/L			10/13/22 17:48	1
Dichlorodifluoromethane	ND *1		2.0	0.68	ug/L			10/13/22 17:48	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/13/22 17:48	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/13/22 17:48	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/13/22 17:48	1
Iodomethane	ND		2.0	0.30	ug/L			10/13/22 17:48	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/13/22 17:48	1
Methacrylonitrile	ND		10	0.69	ug/L			10/13/22 17:48	1
Methyl methacrylate	ND		10	0.61	ug/L			10/13/22 17:48	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/13/22 17:48	1
Naphthalene	ND		1.0	0.43	ug/L			10/13/22 17:48	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/13/22 17:48	1
Propionitrile	ND		50	5.8	ug/L			10/13/22 17:48	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-2

Lab Sample ID: 480-202461-4

Matrix: Water

Date Collected: 10/04/22 11:55

Date Received: 10/07/22 10:30

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/13/22 17:48	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/13/22 17:48	1
Tetrahydrofuran	1.5	J	5.0	1.3	ug/L			10/13/22 17:48	1
Toluene	ND		2.0	0.51	ug/L			10/13/22 17:48	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/13/22 17:48	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/13/22 17:48	1
Trichloroethene	ND		2.0	0.46	ug/L			10/13/22 17:48	1
Trichlorofluoromethane	ND	*1	2.0	0.88	ug/L			10/13/22 17:48	1
Vinyl acetate	ND		10	0.85	ug/L			10/13/22 17:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/13/22 17:48	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/13/22 17:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120					10/13/22 17:48	1
4-Bromofluorobenzene (Surr)	100		73 - 120					10/13/22 17:48	1
Toluene-d8 (Surr)	100		80 - 120					10/13/22 17:48	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		10/11/22 15:26	10/12/22 15:15	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/11/22 15:26	10/12/22 15:15	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:33	1
PCB-1221	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:33	1
PCB-1232	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:33	1
PCB-1242	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:33	1
PCB-1248	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 19:33	1
PCB-1254	ND		0.50	0.25	ug/L		10/15/22 07:35	10/16/22 19:33	1
PCB-1260	ND		0.50	0.25	ug/L		10/15/22 07:35	10/16/22 19:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	48		19 - 120				10/15/22 07:35	10/16/22 19:33	1
Tetrachloro-m-xylene	71		39 - 121				10/15/22 07:35	10/16/22 19:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	10.7		1.0	0.43	mg/L			10/18/22 16:16	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.55			SU				10/04/22 11:55	1
Field Conductivity	2050			umhos/cm				10/04/22 11:55	1
Field Temperature	15.1			Degrees C				10/04/22 11:55	1

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Surrogate Summary

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCA (77-120)	BFB (73-120)	TOL (80-120)
480-202410-1	U-4	108	103	100
480-202410-2	U-5	103	102	100
480-202410-3	U-6	104	102	99
480-202410-3 MS	U-6	109	104	100
480-202410-3 MSD	U-6	103	101	100
480-202410-4	FIELD BLANK TSCA	109	99	101
480-202411-1	C-2	106	104	99
480-202411-2	C-6	111	103	99
480-202411-3	C-9	105	102	99
480-202411-4	C-10	107	99	98
480-202457-1	U-15	111	101	99
480-202457-2	U-17	112	107	100
480-202457-3	U-16	111	111	103
480-202457-4	U-18	105	102	98
480-202457-5	U-22A	112	107	99
480-202457-6	U-21A	110	104	99
480-202457-7	U-21	89	87	84
480-202457-8	U-22	104	110	99
480-202457-9	U-26	93	88	89
480-202457-10	U-25	88	88	83
480-202457-11	DUP TSCA 1	89	89	85
480-202457-12	U-10	89	89	84
480-202457-13	DUP TSCA 2	93	92	87
480-202457-14	U-14	90	92	90
480-202457-15	U-13	95	97	89
480-202457-16	U-3	85	93	87
480-202457-17	DUP TSCA 3	91	95	86
480-202457-18	U-23	91	94	88
480-202457-19	U-24	87	91	83
480-202457-20	U-19	90	85	86
480-202457-21	U-20	89	90	86
480-202457-22	U-11	92	89	90
480-202457-23	U-12	90	92	87
480-202457-24	TRIP BLANK	94	84	89
480-202461-1	LD-4	98	100	98
480-202461-2	LD-3	99	100	98
480-202461-3	LD-1	103	99	100
480-202461-4	LD-2	105	100	100
LCS 480-644660/9	Lab Control Sample	80	84	86
LCS 480-644857/5	Lab Control Sample	116	102	98
LCS 480-644919/9	Lab Control Sample	89	86	91
LCS 480-645212/5	Lab Control Sample	100	94	98
LCS 480-645303/6	Lab Control Sample	101	102	102
LCSD 480-645212/55	Lab Control Sample Dup	102	96	99
MB 480-644660/8	Method Blank	87	90	87
MB 480-644857/7	Method Blank	106	108	102
MB 480-644919/11	Method Blank	86	89	91
MB 480-645212/8	Method Blank	98	97	96
MB 480-645303/9	Method Blank	101	100	100

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Surrogate Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1 (19-120)	TCX1 (39-121)
480-202410-1	U-4	66	81
480-202410-2	U-5	66	80
480-202410-3	U-6	67	86
480-202410-3 MS	U-6	56	73
480-202410-3 MSD	U-6	63	84
480-202410-4	FIELD BLANK TSCA	47	75
480-202411-1	C-2	50	88
480-202411-2	C-6	46	82
480-202411-3	C-9	58	86
480-202411-4	C-10	52	80
480-202457-1	U-15	64	80
480-202457-2	U-17	58	53
480-202457-3	U-16	72	71
480-202457-4	U-18	68	72
480-202457-5	U-22A	81	77
480-202457-6	U-21A	63	79
480-202457-7	U-21	80	79
480-202457-8	U-22	43	68
480-202457-9	U-26	52	66
480-202457-10	U-25	62	78
480-202457-11	DUP TSCA 1	60	80
480-202457-12	U-10	58	71
480-202457-13	DUP TSCA 2	59	84
480-202457-14	U-14	64	84
480-202457-15	U-13	57	86
480-202457-16	U-3	60	91
480-202457-17	DUP TSCA 3	70	96
480-202457-18	U-23	66	95
480-202457-19	U-24	62	96
480-202457-20	U-19	71	99
480-202457-21	U-20	71	89
480-202457-22	U-11	64	95
480-202457-23	U-12	66	97
480-202461-1	LD-4	57	76
480-202461-2	LD-3	69	80
480-202461-3	LD-1	61	84
480-202461-4	LD-2	48	71
LCS 480-645213/2-A	Lab Control Sample	48	67
LCS 480-645215/2-A	Lab Control Sample	55	79
LCS 480-645358/2-A	Lab Control Sample	58	69
LCS 480-645596/2-A	Lab Control Sample	45	72
LCSD 480-645358/3-A	Lab Control Sample Dup	48	69
MB 480-645213/1-A	Method Blank	48	72
MB 480-645215/1-A	Method Blank	58	77
MB 480-645358/1-A	Method Blank	51	60

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Surrogate Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (19-120)	TCX1 (39-121)		
MB 480-645596/1-A	Method Blank	51	71		

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-644660/8

Matrix: Water

Analysis Batch: 644660

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/10/22 15:04	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/10/22 15:04	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/10/22 15:04	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/10/22 15:04	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/10/22 15:04	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/10/22 15:04	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/10/22 15:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/10/22 15:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/10/22 15:04	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/10/22 15:04	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/10/22 15:04	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/10/22 15:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/10/22 15:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/10/22 15:04	1
1,4-Dioxane	ND		40	9.3	ug/L			10/10/22 15:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/10/22 15:04	1
2-Hexanone	ND		10	1.2	ug/L			10/10/22 15:04	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/10/22 15:04	1
Acetone	ND		10	3.0	ug/L			10/10/22 15:04	1
Acetonitrile	ND		170	4.9	ug/L			10/10/22 15:04	1
Acrolein	ND		20	0.91	ug/L			10/10/22 15:04	1
Acrylonitrile	ND		20	0.83	ug/L			10/10/22 15:04	1
Allyl chloride	ND		2.0	0.44	ug/L			10/10/22 15:04	1
Benzene	ND		2.0	0.41	ug/L			10/10/22 15:04	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/10/22 15:04	1
Bromoform	ND		2.0	0.26	ug/L			10/10/22 15:04	1
Bromomethane	ND		2.0	0.69	ug/L			10/10/22 15:04	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/10/22 15:04	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/10/22 15:04	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/10/22 15:04	1
Chloroethane	ND		2.0	0.32	ug/L			10/10/22 15:04	1
Chloroform	ND		2.0	0.34	ug/L			10/10/22 15:04	1
Chloromethane	ND		2.0	0.35	ug/L			10/10/22 15:04	1
Chloroprene	ND		1.0	0.49	ug/L			10/10/22 15:04	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/10/22 15:04	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/10/22 15:04	1
Dibromomethane	ND		2.0	0.41	ug/L			10/10/22 15:04	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/10/22 15:04	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/10/22 15:04	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/10/22 15:04	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/10/22 15:04	1
Iodomethane	ND		2.0	0.30	ug/L			10/10/22 15:04	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/10/22 15:04	1
Methacrylonitrile	ND		10	0.69	ug/L			10/10/22 15:04	1
Methyl methacrylate	ND		10	0.61	ug/L			10/10/22 15:04	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/10/22 15:04	1
Naphthalene	ND		1.0	0.43	ug/L			10/10/22 15:04	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/10/22 15:04	1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-644660/8

Matrix: Water

Analysis Batch: 644660

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifer									
Propionitrile	ND				50	5.8	ug/L			10/10/22 15:04	1
Styrene	ND				2.0	0.73	ug/L			10/10/22 15:04	1
Tetrachloroethene	ND				2.0	0.36	ug/L			10/10/22 15:04	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			10/10/22 15:04	1
Toluene	ND				2.0	0.51	ug/L			10/10/22 15:04	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			10/10/22 15:04	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			10/10/22 15:04	1
Trichloroethene	ND				2.0	0.46	ug/L			10/10/22 15:04	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			10/10/22 15:04	1
Vinyl acetate	ND				10	0.85	ug/L			10/10/22 15:04	1
Vinyl chloride	ND				1.0	0.90	ug/L			10/10/22 15:04	1
Xylenes, Total	ND				3.0	0.66	ug/L			10/10/22 15:04	1
Surrogate	MB	MB	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87				77 - 120					10/10/22 15:04	1
4-Bromofluorobenzene (Surr)	90				73 - 120					10/10/22 15:04	1
Toluene-d8 (Surr)	87				80 - 120					10/10/22 15:04	1

Lab Sample ID: LCS 480-644660/9

Matrix: Water

Analysis Batch: 644660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LC	LC	Result	Qualifier	Unit	D	%Rec	Limits	%Rec
		LC	LC							
1,1-Dichloroethene	25.0	20.4		ug/L			82		66 - 127	
Benzene	25.0	20.3		ug/L			81		71 - 124	
Chlorobenzene	25.0	21.3		ug/L			85		80 - 120	
Toluene	25.0	21.3		ug/L			85		80 - 122	
Trichloroethene	25.0	20.6		ug/L			83		74 - 123	
Surrogate	LC	LC	%Recovery	Qualifier	Limits					
1,2-Dichloroethane-d4 (Surr)	80				77 - 120					
4-Bromofluorobenzene (Surr)	84				73 - 120					
Toluene-d8 (Surr)	86				80 - 120					

Lab Sample ID: MB 480-644857/7

Matrix: Water

Analysis Batch: 644857

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifer									
1,1,1,2-Tetrachloroethane	ND				2.0	0.35	ug/L			10/11/22 12:44	1
1,1,1-Trichloroethane	ND				2.0	0.82	ug/L			10/11/22 12:44	1
1,1,2,2-Tetrachloroethane	ND				2.0	0.21	ug/L			10/11/22 12:44	1
1,1,2-Trichloroethane	ND				2.0	0.23	ug/L			10/11/22 12:44	1
1,1-Dichloroethane	ND				2.0	0.38	ug/L			10/11/22 12:44	1
1,1-Dichloroethene	ND				2.0	0.29	ug/L			10/11/22 12:44	1
1,2,3-Trichloropropane	ND				2.0	0.89	ug/L			10/11/22 12:44	1
1,2,4-Trichlorobenzene	ND				1.0	0.41	ug/L			10/11/22 12:44	1
1,2-Dichlorobenzene	ND				1.0	0.79	ug/L			10/11/22 12:44	1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-644857/7

Matrix: Water

Analysis Batch: 644857

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/11/22 12:44	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/11/22 12:44	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/11/22 12:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/11/22 12:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/11/22 12:44	1
1,4-Dioxane	ND		40	9.3	ug/L			10/11/22 12:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/11/22 12:44	1
2-Hexanone	ND		10	1.2	ug/L			10/11/22 12:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/11/22 12:44	1
Acetone	ND		10	3.0	ug/L			10/11/22 12:44	1
Acetonitrile	ND		170	4.9	ug/L			10/11/22 12:44	1
Acrolein	ND		20	0.91	ug/L			10/11/22 12:44	1
Acrylonitrile	ND		20	0.83	ug/L			10/11/22 12:44	1
Allyl chloride	ND		2.0	0.44	ug/L			10/11/22 12:44	1
Benzene	ND		2.0	0.41	ug/L			10/11/22 12:44	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/11/22 12:44	1
Bromoform	ND		2.0	0.26	ug/L			10/11/22 12:44	1
Bromomethane	ND		2.0	0.69	ug/L			10/11/22 12:44	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/11/22 12:44	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/11/22 12:44	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/11/22 12:44	1
Chloroethane	ND		2.0	0.32	ug/L			10/11/22 12:44	1
Chloroform	ND		2.0	0.34	ug/L			10/11/22 12:44	1
Chloromethane	ND		2.0	0.35	ug/L			10/11/22 12:44	1
Chloroprene	ND		1.0	0.49	ug/L			10/11/22 12:44	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/11/22 12:44	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/11/22 12:44	1
Dibromomethane	ND		2.0	0.41	ug/L			10/11/22 12:44	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/11/22 12:44	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/11/22 12:44	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/11/22 12:44	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/11/22 12:44	1
Iodomethane	ND		2.0	0.30	ug/L			10/11/22 12:44	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/11/22 12:44	1
Methacrylonitrile	ND		10	0.69	ug/L			10/11/22 12:44	1
Methyl methacrylate	ND		10	0.61	ug/L			10/11/22 12:44	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/11/22 12:44	1
Naphthalene	ND		1.0	0.43	ug/L			10/11/22 12:44	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/11/22 12:44	1
Propionitrile	ND		50	5.8	ug/L			10/11/22 12:44	1
Styrene	ND		2.0	0.73	ug/L			10/11/22 12:44	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/11/22 12:44	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/11/22 12:44	1
Toluene	ND		2.0	0.51	ug/L			10/11/22 12:44	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/11/22 12:44	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/11/22 12:44	1
Trichloroethene	ND		2.0	0.46	ug/L			10/11/22 12:44	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/11/22 12:44	1
Vinyl acetate	ND		10	0.85	ug/L			10/11/22 12:44	1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-644857/7

Matrix: Water

Analysis Batch: 644857

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.0	0.90	ug/L			10/11/22 12:44	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/11/22 12:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		10/11/22 12:44	1
4-Bromofluorobenzene (Surr)	108		73 - 120		10/11/22 12:44	1
Toluene-d8 (Surr)	102		80 - 120		10/11/22 12:44	1

Lab Sample ID: LCS 480-644857/5

Matrix: Water

Analysis Batch: 644857

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	25.0	26.3		ug/L		105	66 - 127
Benzene	25.0	25.5		ug/L		102	71 - 124
Chlorobenzene	25.0	22.6		ug/L		90	80 - 120
Toluene	25.0	22.0		ug/L		88	80 - 122
Trichloroethene	25.0	26.9		ug/L		108	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		77 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: MB 480-644919/11

Matrix: Water

Analysis Batch: 644919

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/12/22 12:53	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/12/22 12:53	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/12/22 12:53	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/12/22 12:53	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/12/22 12:53	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/12/22 12:53	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/12/22 12:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/22 12:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/22 12:53	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/12/22 12:53	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/12/22 12:53	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/12/22 12:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/22 12:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/22 12:53	1
1,4-Dioxane	ND		40	9.3	ug/L			10/12/22 12:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/22 12:53	1
2-Hexanone	ND		10	1.2	ug/L			10/12/22 12:53	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/12/22 12:53	1
Acetone	ND		10	3.0	ug/L			10/12/22 12:53	1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-644919/11

Matrix: Water

Analysis Batch: 644919

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifer									
Acetonitrile	ND				170	4.9	ug/L			10/12/22 12:53	1
Acrolein	ND				20	0.91	ug/L			10/12/22 12:53	1
Acrylonitrile	ND				20	0.83	ug/L			10/12/22 12:53	1
Allyl chloride	ND				2.0	0.44	ug/L			10/12/22 12:53	1
Benzene	ND				2.0	0.41	ug/L			10/12/22 12:53	1
Bromodichloromethane	ND				2.0	0.39	ug/L			10/12/22 12:53	1
Bromoform	ND				2.0	0.26	ug/L			10/12/22 12:53	1
Bromomethane	ND				2.0	0.69	ug/L			10/12/22 12:53	1
Carbon disulfide	ND				2.0	0.19	ug/L			10/12/22 12:53	1
Carbon tetrachloride	ND				2.0	0.27	ug/L			10/12/22 12:53	1
Chlorobenzene	ND				2.0	0.75	ug/L			10/12/22 12:53	1
Chloroethane	ND				2.0	0.32	ug/L			10/12/22 12:53	1
Chloroform	ND				2.0	0.34	ug/L			10/12/22 12:53	1
Chloromethane	ND				2.0	0.35	ug/L			10/12/22 12:53	1
Chloroprene	ND				1.0	0.49	ug/L			10/12/22 12:53	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			10/12/22 12:53	1
Dibromochloromethane	ND				2.0	0.32	ug/L			10/12/22 12:53	1
Dibromomethane	ND				2.0	0.41	ug/L			10/12/22 12:53	1
Dichlorodifluoromethane	ND				2.0	0.68	ug/L			10/12/22 12:53	1
Ethyl methacrylate	ND				2.0	0.59	ug/L			10/12/22 12:53	1
Ethylbenzene	ND				2.0	0.74	ug/L			10/12/22 12:53	1
Hexachlorobutadiene	ND				1.0	0.28	ug/L			10/12/22 12:53	1
Iodomethane	ND				2.0	0.30	ug/L			10/12/22 12:53	1
Isobutyl alcohol	ND				1000	4.8	ug/L			10/12/22 12:53	1
Methacrylonitrile	ND				10	0.69	ug/L			10/12/22 12:53	1
Methyl methacrylate	ND				10	0.61	ug/L			10/12/22 12:53	1
Methylene Chloride	ND				2.0	0.44	ug/L			10/12/22 12:53	1
Naphthalene	ND				1.0	0.43	ug/L			10/12/22 12:53	1
Pentachloroethane	ND				1.0	0.34	ug/L			10/12/22 12:53	1
Propionitrile	ND				50	5.8	ug/L			10/12/22 12:53	1
Styrene	ND				2.0	0.73	ug/L			10/12/22 12:53	1
Tetrachloroethene	ND				2.0	0.36	ug/L			10/12/22 12:53	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			10/12/22 12:53	1
Toluene	ND				2.0	0.51	ug/L			10/12/22 12:53	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			10/12/22 12:53	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			10/12/22 12:53	1
Trichloroethene	ND				2.0	0.46	ug/L			10/12/22 12:53	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			10/12/22 12:53	1
Vinyl acetate	ND				10	0.85	ug/L			10/12/22 12:53	1
Vinyl chloride	ND				1.0	0.90	ug/L			10/12/22 12:53	1
Xylenes, Total	ND				3.0	0.66	ug/L			10/12/22 12:53	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifer						
1,2-Dichloroethane-d4 (Surr)	86		86		77 - 120		10/12/22 12:53	1
4-Bromofluorobenzene (Surr)	89		89		73 - 120		10/12/22 12:53	1
Toluene-d8 (Surr)	91		91		80 - 120		10/12/22 12:53	1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-644919/9

Matrix: Water

Analysis Batch: 644919

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	25.0	25.4		ug/L		102	66 - 127
Benzene	25.0	24.8		ug/L		99	71 - 124
Chlorobenzene	25.0	24.4		ug/L		97	80 - 120
Toluene	25.0	24.5		ug/L		98	80 - 122
Trichloroethene	25.0	25.6		ug/L		102	74 - 123
Surrogate		LCS %Recovery	LCS Qualifier	Limits			
1,2-Dichloroethane-d4 (Surr)	89			77 - 120			
4-Bromofluorobenzene (Surr)	86			73 - 120			
Toluene-d8 (Surr)	91			80 - 120			

Lab Sample ID: MB 480-645212/8

Matrix: Water

Analysis Batch: 645212

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/13/22 13:00	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/13/22 13:00	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/13/22 13:00	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/13/22 13:00	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/13/22 13:00	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/13/22 13:00	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/13/22 13:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/13/22 13:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/13/22 13:00	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/13/22 13:00	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/13/22 13:00	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/13/22 13:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/13/22 13:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/13/22 13:00	1
1,4-Dioxane	ND		40	9.3	ug/L			10/13/22 13:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/13/22 13:00	1
2-Hexanone	ND		10	1.2	ug/L			10/13/22 13:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/13/22 13:00	1
Acetone	ND		10	3.0	ug/L			10/13/22 13:00	1
Acetonitrile	ND		170	4.9	ug/L			10/13/22 13:00	1
Acrolein	ND		20	0.91	ug/L			10/13/22 13:00	1
Acrylonitrile	ND		20	0.83	ug/L			10/13/22 13:00	1
Allyl chloride	ND		2.0	0.44	ug/L			10/13/22 13:00	1
Benzene	ND		2.0	0.41	ug/L			10/13/22 13:00	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/13/22 13:00	1
Bromoform	ND		2.0	0.26	ug/L			10/13/22 13:00	1
Bromomethane	ND		2.0	0.69	ug/L			10/13/22 13:00	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/13/22 13:00	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/13/22 13:00	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/13/22 13:00	1
Chloroethane	ND		2.0	0.32	ug/L			10/13/22 13:00	1
Chloroform	ND		2.0	0.34	ug/L			10/13/22 13:00	1

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-645212/8

Matrix: Water

Analysis Batch: 645212

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifer									
Chloromethane	ND				2.0	0.35	ug/L			10/13/22 13:00	1
Chloroprene	ND				1.0	0.49	ug/L			10/13/22 13:00	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			10/13/22 13:00	1
Dibromochloromethane	ND				2.0	0.32	ug/L			10/13/22 13:00	1
Dibromomethane	ND				2.0	0.41	ug/L			10/13/22 13:00	1
Dichlorodifluoromethane	ND				2.0	0.68	ug/L			10/13/22 13:00	1
Ethyl methacrylate	ND				2.0	0.59	ug/L			10/13/22 13:00	1
Ethylbenzene	ND				2.0	0.74	ug/L			10/13/22 13:00	1
Hexachlorobutadiene	ND				1.0	0.28	ug/L			10/13/22 13:00	1
Iodomethane	ND				2.0	0.30	ug/L			10/13/22 13:00	1
Isobutyl alcohol	ND				1000	4.8	ug/L			10/13/22 13:00	1
Methacrylonitrile	ND				10	0.69	ug/L			10/13/22 13:00	1
Methyl methacrylate	ND				10	0.61	ug/L			10/13/22 13:00	1
Methylene Chloride	ND				2.0	0.44	ug/L			10/13/22 13:00	1
Naphthalene	ND				1.0	0.43	ug/L			10/13/22 13:00	1
Pentachloroethane	ND				1.0	0.34	ug/L			10/13/22 13:00	1
Propionitrile	ND				50	5.8	ug/L			10/13/22 13:00	1
Styrene	ND				2.0	0.73	ug/L			10/13/22 13:00	1
Tetrachloroethene	ND				2.0	0.36	ug/L			10/13/22 13:00	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			10/13/22 13:00	1
Toluene	ND				2.0	0.51	ug/L			10/13/22 13:00	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			10/13/22 13:00	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			10/13/22 13:00	1
Trichloroethene	ND				2.0	0.46	ug/L			10/13/22 13:00	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			10/13/22 13:00	1
Vinyl acetate	ND				10	0.85	ug/L			10/13/22 13:00	1
Vinyl chloride	ND				1.0	0.90	ug/L			10/13/22 13:00	1
Xylenes, Total	ND				3.0	0.66	ug/L			10/13/22 13:00	1

MB MB

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifer						
1,2-Dichloroethane-d4 (Surr)	98		77 - 120				10/13/22 13:00	1
4-Bromofluorobenzene (Surr)	97		73 - 120				10/13/22 13:00	1
Toluene-d8 (Surr)	96		80 - 120				10/13/22 13:00	1

Lab Sample ID: LCS 480-645212/5

Matrix: Water

Analysis Batch: 645212

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	MB	MB	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifer										
1,1-Dichloroethene			25.0	24.7		ug/L		99	66 - 127			
Benzene			25.0	23.2		ug/L		93	71 - 124			
Chlorobenzene			25.0	22.7		ug/L		91	80 - 120			
Toluene			25.0	22.5		ug/L		90	80 - 122			
Trichloroethene			25.0	23.5		ug/L		94	74 - 123			

LCS LCS

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
	Result	Qualifer			
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		
4-Bromofluorobenzene (Surr)	94		73 - 120		

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QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-645212/5

Matrix: Water

Analysis Batch: 645212

Surrogate	LCS	LCS	
	%Recovery	Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: LCSD 480-645212/55

Matrix: Water

Analysis Batch: 645212

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec Limits	RPD	Limit
1,1-Dichloroethene	25.0	20.4	*1	ug/L	82	66 - 127	19	16
Benzene	25.0	22.0		ug/L	88	71 - 124	5	13
Chlorobenzene	25.0	22.3		ug/L	89	80 - 120	2	25
Toluene	25.0	20.9		ug/L	84	80 - 122	7	15
Trichloroethene	25.0	21.9		ug/L	88	74 - 123	7	16

Surrogate	LCSD	LCSD						
	%Recovery	Qualifier	Limits					
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					
4-Bromofluorobenzene (Surr)	96		73 - 120					
Toluene-d8 (Surr)	99		80 - 120					

Lab Sample ID: MB 480-645303/9

Matrix: Water

Analysis Batch: 645303

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/13/22 17:31	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/13/22 17:31	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/13/22 17:31	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/13/22 17:31	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/13/22 17:31	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/13/22 17:31	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/13/22 17:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/13/22 17:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/13/22 17:31	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/13/22 17:31	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/13/22 17:31	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/13/22 17:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/13/22 17:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/13/22 17:31	1
1,4-Dioxane	ND		40	9.3	ug/L			10/13/22 17:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/13/22 17:31	1
2-Hexanone	ND		10	1.2	ug/L			10/13/22 17:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/13/22 17:31	1
Acetone	ND		10	3.0	ug/L			10/13/22 17:31	1
Acetonitrile	ND		170	4.9	ug/L			10/13/22 17:31	1
Acrolein	ND		20	0.91	ug/L			10/13/22 17:31	1
Acrylonitrile	ND		20	0.83	ug/L			10/13/22 17:31	1
Allyl chloride	ND		2.0	0.44	ug/L			10/13/22 17:31	1
Benzene	ND		2.0	0.41	ug/L			10/13/22 17:31	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/13/22 17:31	1

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-645303/9

Matrix: Water

Analysis Batch: 645303

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifer									
Bromoform	ND				2.0	0.26	ug/L			10/13/22 17:31	1
Bromomethane	ND				2.0	0.69	ug/L			10/13/22 17:31	1
Carbon disulfide	ND				2.0	0.19	ug/L			10/13/22 17:31	1
Carbon tetrachloride	ND				2.0	0.27	ug/L			10/13/22 17:31	1
Chlorobenzene	ND				2.0	0.75	ug/L			10/13/22 17:31	1
Chloroethane	ND				2.0	0.32	ug/L			10/13/22 17:31	1
Chloroform	ND				2.0	0.34	ug/L			10/13/22 17:31	1
Chloromethane	ND				2.0	0.35	ug/L			10/13/22 17:31	1
Chloroprene	ND				1.0	0.49	ug/L			10/13/22 17:31	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			10/13/22 17:31	1
Dibromochloromethane	ND				2.0	0.32	ug/L			10/13/22 17:31	1
Dibromomethane	ND				2.0	0.41	ug/L			10/13/22 17:31	1
Dichlorodifluoromethane	ND				2.0	0.68	ug/L			10/13/22 17:31	1
Ethyl methacrylate	ND				2.0	0.59	ug/L			10/13/22 17:31	1
Ethylbenzene	ND				2.0	0.74	ug/L			10/13/22 17:31	1
Hexachlorobutadiene	0.546	J			1.0	0.28	ug/L			10/13/22 17:31	1
Iodomethane	ND				2.0	0.30	ug/L			10/13/22 17:31	1
Isobutyl alcohol	18.3	J			1000	4.8	ug/L			10/13/22 17:31	1
Methacrylonitrile	ND				10	0.69	ug/L			10/13/22 17:31	1
Methyl methacrylate	ND				10	0.61	ug/L			10/13/22 17:31	1
Methylene Chloride	ND				2.0	0.44	ug/L			10/13/22 17:31	1
Naphthalene	ND				1.0	0.43	ug/L			10/13/22 17:31	1
Pentachloroethane	ND				1.0	0.34	ug/L			10/13/22 17:31	1
Propionitrile	ND				50	5.8	ug/L			10/13/22 17:31	1
Styrene	ND				2.0	0.73	ug/L			10/13/22 17:31	1
Tetrachloroethene	ND				2.0	0.36	ug/L			10/13/22 17:31	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			10/13/22 17:31	1
Toluene	ND				2.0	0.51	ug/L			10/13/22 17:31	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			10/13/22 17:31	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			10/13/22 17:31	1
Trichloroethene	ND				2.0	0.46	ug/L			10/13/22 17:31	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			10/13/22 17:31	1
Vinyl acetate	ND				10	0.85	ug/L			10/13/22 17:31	1
Vinyl chloride	ND				1.0	0.90	ug/L			10/13/22 17:31	1
Xylenes, Total	ND				3.0	0.66	ug/L			10/13/22 17:31	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifer						
1,2-Dichloroethane-d4 (Surr)	101				77 - 120		10/13/22 17:31	1
4-Bromofluorobenzene (Surr)	100				73 - 120		10/13/22 17:31	1
Toluene-d8 (Surr)	100				80 - 120		10/13/22 17:31	1

Lab Sample ID: LCS 480-645303/6

Matrix: Water

Analysis Batch: 645303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
	Added	Result	Qualifier					
1,1-Dichloroethene	25.0	22.9		ug/L		92	66 - 127	
Benzene	25.0	24.3		ug/L		97	71 - 124	

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-645303/6

Matrix: Water

Analysis Batch: 645303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Chlorobenzene	25.0	24.4		ug/L	98	80 - 120	
Toluene	25.0	24.4		ug/L	97	80 - 122	
Trichloroethene	25.0	23.4		ug/L	94	74 - 123	

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: 480-202410-3 MS

Matrix: Water

Analysis Batch: 645303

Client Sample ID: U-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
1,1-Dichloroethene	ND		25.0	24.7		ug/L	99	66 - 127	
Benzene	ND		25.0	26.4		ug/L	106	71 - 124	
Chlorobenzene	ND		25.0	25.4		ug/L	101	80 - 120	
Toluene	ND		25.0	25.5		ug/L	102	80 - 122	
Trichloroethene	ND		25.0	25.7		ug/L	103	74 - 123	

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	109		77 - 120
4-Bromofluorobenzene (Surr)	104		73 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: 480-202410-3 MSD

Matrix: Water

Analysis Batch: 645303

Client Sample ID: U-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,1-Dichloroethene	ND		25.0	24.3		ug/L	97	66 - 127		2	16
Benzene	ND		25.0	25.8		ug/L	103	71 - 124		2	13
Chlorobenzene	ND		25.0	25.0		ug/L	100	80 - 120		1	25
Toluene	ND		25.0	25.0		ug/L	100	80 - 122		2	15
Trichloroethene	ND		25.0	25.2		ug/L	101	74 - 123		2	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	100		80 - 120

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: MB 480-644340/1-A

Matrix: Water

Analysis Batch: 644303

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644340

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/06/22 16:22	10/06/22 19:43	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		10/06/22 16:22	10/06/22 19:43	1

Lab Sample ID: LCS 480-644340/2-A

Matrix: Water

Analysis Batch: 644303

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,2-Dibromoethane	0.110	0.107		ug/L		97	46 - 150
1,2-Dibromo-3-Chloropropane	0.110	0.106		ug/L		97	43 - 150

Lab Sample ID: 480-202410-3 MS

Matrix: Water

Analysis Batch: 644303

Client Sample ID: U-6

Prep Type: Total/NA

Prep Batch: 644340

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
1,2-Dibromoethane	ND		0.109	0.110		ug/L		101	41 - 150
1,2-Dibromo-3-Chloropropane	ND		0.109	0.116		ug/L		106	42 - 150

Lab Sample ID: 480-202410-3 MSD

Matrix: Water

Analysis Batch: 644303

Client Sample ID: U-6

Prep Type: Total/NA

Prep Batch: 644340

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	RPD
1,2-Dibromoethane	ND		0.109	0.113		ug/L		104	41 - 150
1,2-Dibromo-3-Chloropropane	ND		0.109	0.119		ug/L		109	42 - 150

Lab Sample ID: MB 480-644616/1-A

Matrix: Water

Analysis Batch: 644618

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/09/22 18:49	10/09/22 20:51	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/09/22 18:49	10/09/22 20:51	1

Lab Sample ID: LCS 480-644616/2-A

Matrix: Water

Analysis Batch: 644618

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1,2-Dibromoethane	0.110	0.100		ug/L		91	46 - 150
1,2-Dibromo-3-Chloropropane	0.110	0.0945		ug/L		86	43 - 150

Lab Sample ID: MB 480-644617/1-A

Matrix: Water

Analysis Batch: 644618

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644617

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/09/22 19:24	10/10/22 04:47	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/09/22 19:24	10/10/22 04:47	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: LCS 480-644617/2-A

Matrix: Water

Analysis Batch: 644618

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644617

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	0.109	0.101		ug/L		93	46 - 150
1,2-Dibromo-3-Chloropropane	0.109	0.0973		ug/L		89	43 - 150

Lab Sample ID: LCSD 480-644617/3-A

Matrix: Water

Analysis Batch: 644618

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 644617

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
1,2-Dibromoethane	0.109	0.0849		ug/L		78	46 - 150	18	40
1,2-Dibromo-3-Chloropropane	0.109	0.0835		ug/L		77	43 - 150	15	40

Lab Sample ID: MB 480-644922/1-A

Matrix: Water

Analysis Batch: 644928

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644922

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/11/22 13:38	10/11/22 16:38	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/11/22 13:38	10/11/22 16:38	1

Lab Sample ID: LCS 480-644922/2-A

Matrix: Water

Analysis Batch: 644928

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644922

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	0.109	0.111		ug/L		101	46 - 150
1,2-Dibromo-3-Chloropropane	0.109	0.105		ug/L		96	43 - 150

Lab Sample ID: LCSD 480-644922/3-A

Matrix: Water

Analysis Batch: 644928

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 644922

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
1,2-Dibromoethane	0.110	0.107		ug/L		98	46 - 150	3	40
1,2-Dibromo-3-Chloropropane	0.110	0.104		ug/L		95	43 - 150	1	40

Lab Sample ID: MB 480-644942/1-A

Matrix: Water

Analysis Batch: 644928

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644942

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/11/22 15:26	10/11/22 22:57	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/11/22 15:26	10/11/22 22:57	1

Lab Sample ID: LCS 480-644942/2-A

Matrix: Water

Analysis Batch: 644928

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644942

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	0.109	0.119		ug/L		109	46 - 150
1,2-Dibromo-3-Chloropropane	0.109	0.119		ug/L		109	43 - 150

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: LCSD 480-644942/3-A

Matrix: Water

Analysis Batch: 644928

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 644942

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane	0.110	0.124		ug/L		112	46 - 150	4	40
1,2-Dibromo-3-Chloropropane	0.110	0.133		ug/L		121	43 - 150	11	40

Lab Sample ID: MB 480-646410/1-A

Matrix: Water

Analysis Batch: 646433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 646410

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		10/20/22 15:28	10/20/22 17:47	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		10/20/22 15:28	10/20/22 17:47	1

Lab Sample ID: LCS 480-646410/2-A

Matrix: Water

Analysis Batch: 646433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 646410

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	0.111	0.0762		ug/L		69	46 - 150
1,2-Dibromo-3-Chloropropane	0.111	0.0746		ug/L		67	43 - 150

Lab Sample ID: LCSD 480-646410/3-A

Matrix: Water

Analysis Batch: 646433

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 646410

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane	0.111	0.0947		ug/L		85	46 - 150	22	40
1,2-Dibromo-3-Chloropropane	0.111	0.0922		ug/L		83	43 - 150	21	40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-645213/1-A

Matrix: Water

Analysis Batch: 645333

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 645213

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 17:55	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 17:55	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 17:55	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 17:55	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 08:28	10/13/22 17:55	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 17:55	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 08:28	10/13/22 17:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	48		19 - 120			
Tetrachloro-m-xylene	72		39 - 121			

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-645213/2-A

Matrix: Water

Analysis Batch: 645333

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 645213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	4.00	3.45		ug/L		86	62 - 130
PCB-1260	4.00	3.18		ug/L		79	56 - 123
Surrogate							
DCB Decachlorobiphenyl							
	48			19 - 120			
Tetrachloro-m-xylene	67			39 - 121			

Lab Sample ID: MB 480-645215/1-A

Matrix: Water

Analysis Batch: 645333

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 645215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 08:45	10/13/22 23:30	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 08:45	10/13/22 23:30	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 08:45	10/13/22 23:30	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 08:45	10/13/22 23:30	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 08:45	10/13/22 23:30	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 08:45	10/13/22 23:30	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 08:45	10/13/22 23:30	1
Surrogate									
DCB Decachlorobiphenyl									
	58			19 - 120			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77			39 - 121			10/13/22 08:45	10/13/22 23:30	1
							10/13/22 08:45	10/13/22 23:30	1

Lab Sample ID: LCS 480-645215/2-A

Matrix: Water

Analysis Batch: 645333

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 645215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	4.00	3.84		ug/L		96	62 - 130
PCB-1260	4.00	3.72		ug/L		93	56 - 123
Surrogate							
DCB Decachlorobiphenyl							
	55			19 - 120			
Tetrachloro-m-xylene	79			39 - 121			

Lab Sample ID: 480-202410-3 MS

Matrix: Water

Analysis Batch: 645333

Client Sample ID: U-6

Prep Type: Total/NA

Prep Batch: 645215

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		4.00	3.59		ug/L		90	28 - 150
PCB-1260	ND		4.00	3.75		ug/L		94	25 - 131
Surrogate									
DCB Decachlorobiphenyl									
	56			19 - 120					
Tetrachloro-m-xylene	73			39 - 121					

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 480-202410-3 MSD

Matrix: Water

Analysis Batch: 645333

Client Sample ID: U-6

Prep Type: Total/NA

Prep Batch: 645215

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		4.00	3.89		ug/L		97	28 - 150	8	50
PCB-1260	ND		4.00	4.00		ug/L		100	25 - 131	7	50
Surrogate											
<i>DCB Decachlorobiphenyl</i> 63 %Recovery Qualifier 19 - 120											
<i>Tetrachloro-m-xylene</i> 84 %Recovery Qualifier 39 - 121											

Lab Sample ID: MB 480-645358/1-A

Matrix: Water

Analysis Batch: 645415

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 645358

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 09:55	1
PCB-1221	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 09:55	1
PCB-1232	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 09:55	1
PCB-1242	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 09:55	1
PCB-1248	ND		0.50	0.18	ug/L		10/13/22 15:38	10/14/22 09:55	1
PCB-1254	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 09:55	1
PCB-1260	ND		0.50	0.25	ug/L		10/13/22 15:38	10/14/22 09:55	1
Surrogate									
<i>DCB Decachlorobiphenyl</i> 51 %Recovery Qualifier 19 - 120									
<i>Tetrachloro-m-xylene</i> 60 %Recovery Qualifier 39 - 121									
Prepared 10/13/22 15:38 Analyzed 10/14/22 09:55 Dil Fac 1									

Lab Sample ID: LCS 480-645358/2-A

Matrix: Water

Analysis Batch: 645415

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 645358

Analyte	LCS Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	4.00	3.81		ug/L		95	62 - 130
PCB-1260	4.00	3.55		ug/L		89	56 - 123
Surrogate							
<i>DCB Decachlorobiphenyl</i> 58 %Recovery Qualifier 19 - 120							
<i>Tetrachloro-m-xylene</i> 69 %Recovery Qualifier 39 - 121							

Lab Sample ID: LCSD 480-645358/3-A

Matrix: Water

Analysis Batch: 645415

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 645358

Analyte	LCSD Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	4.00	3.70		ug/L		93	62 - 130	3	50
PCB-1260	4.00	3.50		ug/L		87	56 - 123	2	50
Surrogate									
<i>DCB Decachlorobiphenyl</i> 48 %Recovery Qualifier 19 - 120									
<i>Tetrachloro-m-xylene</i> 69 %Recovery Qualifier 39 - 121									

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-645596/1-A

Matrix: Water

Analysis Batch: 645718

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 17:06	1
PCB-1221	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 17:06	1
PCB-1232	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 17:06	1
PCB-1242	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 17:06	1
PCB-1248	ND		0.50	0.18	ug/L		10/15/22 07:35	10/16/22 17:06	1
PCB-1254	ND		0.50	0.25	ug/L		10/15/22 07:35	10/16/22 17:06	1
PCB-1260	ND		0.50	0.25	ug/L		10/15/22 07:35	10/16/22 17:06	1

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 645596

Surrogate

	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl	51		19 - 120
Tetrachloro-m-xylene	71		39 - 121

Prepared

Analyzed

Dil Fac

Lab Sample ID: LCS 480-645596/2-A

Matrix: Water

Analysis Batch: 645718

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
PCB-1016	4.00	3.64		ug/L		91	62 - 130
PCB-1260	4.00	3.39		ug/L		85	56 - 123
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
DCB Decachlorobiphenyl	45		19 - 120				
Tetrachloro-m-xylene	72		39 - 121				

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 645596

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-646154/28

Matrix: Water

Analysis Batch: 646154

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L		10/18/22 03:55		1

Client Sample ID: Method Blank

Prep Type: Total/NA

Lab Sample ID: MB 480-646154/4

Matrix: Water

Analysis Batch: 646154

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L		10/17/22 16:28		1

Client Sample ID: Method Blank

Prep Type: Total/NA

Lab Sample ID: MB 480-646154/52

Matrix: Water

Analysis Batch: 646154

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L		10/18/22 15:24		1

Client Sample ID: Method Blank

Prep Type: Total/NA

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QC Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: MB 480-646154/76

Matrix: Water

Analysis Batch: 646154

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			10/19/22 03:00	1

Lab Sample ID: LCS 480-646154/29

Matrix: Water

Analysis Batch: 646154

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	60.0	60.09		mg/L		100	90 - 110

Lab Sample ID: LCS 480-646154/5

Matrix: Water

Analysis Batch: 646154

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	60.0	61.71		mg/L		103	90 - 110

Lab Sample ID: LCS 480-646154/53

Matrix: Water

Analysis Batch: 646154

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	60.0	59.00		mg/L		98	90 - 110

Lab Sample ID: LCS 480-646154/77

Matrix: Water

Analysis Batch: 646154

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	60.0	59.92		mg/L		100	90 - 110

Lab Sample ID: 480-202410-3 MS

Matrix: Water

Analysis Batch: 646154

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	3.6		23.3	28.87		mg/L		109	54 - 131

Lab Sample ID: 480-202410-3 MSD

Matrix: Water

Analysis Batch: 646154

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Total Organic Carbon	3.6		23.3	28.82		mg/L		108	54 - 131	0	20

Lab Sample ID: 480-202457-8 MS

Matrix: Water

Analysis Batch: 646154

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	4.1		23.3	27.79		mg/L		102	54 - 131

**Client Sample ID: U-22
Prep Type: Total/NA**

QC Sample Results

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: 480-202457-14 MS

Matrix: Water

Analysis Batch: 646154

Client Sample ID: U-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	RPD	%Rec Limits	Limit
Total Organic Carbon	1.8		23.3	26.22		mg/L	105	54 - 131			

Lab Sample ID: 480-202457-22 MS

Matrix: Water

Analysis Batch: 646154

Client Sample ID: U-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	RPD	%Rec Limits	Limit
Total Organic Carbon	2.1		23.3	27.65		mg/L	110	54 - 131			

Lab Sample ID: 480-202457-1 DU

Matrix: Water

Analysis Batch: 646154

Client Sample ID: U-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	Limit
Total Organic Carbon	2.0			2.11		mg/L			8	20

Lab Sample ID: 480-202457-9 DU

Matrix: Water

Analysis Batch: 646154

Client Sample ID: U-26
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	Limit
Total Organic Carbon	5.7			5.61		mg/L			2	20

Lab Sample ID: 480-202457-15 DU

Matrix: Water

Analysis Batch: 646154

Client Sample ID: U-13
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	Limit
Total Organic Carbon	2.0			2.04		mg/L			0.5	20

Lab Sample ID: 480-202457-23 DU

Matrix: Water

Analysis Batch: 646154

Client Sample ID: U-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D		RPD	Limit
Total Organic Carbon	2.7			2.01	F5	mg/L			27	20

Lab Sample ID: MB 480-646191/28

Matrix: Water

Analysis Batch: 646191

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			10/18/22 06:02	1

Lab Sample ID: LCS 480-646191/29

Matrix: Water

Analysis Batch: 646191

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	RPD	%Rec Limits
Total Organic Carbon	60.0	61.69		mg/L	103	90 - 110		

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

GC/MS VOA

Analysis Batch: 644660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-7	U-21	Total/NA	Water	8260C	
MB 480-644660/8	Method Blank	Total/NA	Water	8260C	
LCS 480-644660/9	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 644857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-1	U-15	Total/NA	Water	8260C	
480-202457-2	U-17	Total/NA	Water	8260C	
480-202457-3	U-16	Total/NA	Water	8260C	
480-202457-4	U-18	Total/NA	Water	8260C	
480-202457-5	U-22A	Total/NA	Water	8260C	
480-202457-6	U-21A	Total/NA	Water	8260C	
480-202457-8	U-22	Total/NA	Water	8260C	
MB 480-644857/7	Method Blank	Total/NA	Water	8260C	
LCS 480-644857/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 644919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-9	U-26	Total/NA	Water	8260C	
480-202457-10	U-25	Total/NA	Water	8260C	
480-202457-11	DUP TSCA 1	Total/NA	Water	8260C	
480-202457-12	U-10	Total/NA	Water	8260C	
480-202457-13	DUP TSCA 2	Total/NA	Water	8260C	
480-202457-14	U-14	Total/NA	Water	8260C	
480-202457-15	U-13	Total/NA	Water	8260C	
480-202457-16	U-3	Total/NA	Water	8260C	
480-202457-17	DUP TSCA 3	Total/NA	Water	8260C	
480-202457-18	U-23	Total/NA	Water	8260C	
480-202457-19	U-24	Total/NA	Water	8260C	
480-202457-20	U-19	Total/NA	Water	8260C	
480-202457-21	U-20	Total/NA	Water	8260C	
480-202457-22	U-11	Total/NA	Water	8260C	
480-202457-23	U-12	Total/NA	Water	8260C	
480-202457-24	TRIP BLANK	Total/NA	Water	8260C	
MB 480-644919/11	Method Blank	Total/NA	Water	8260C	
LCS 480-644919/9	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 645212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202461-1	LD-4	Total/NA	Water	8260C	
480-202461-2	LD-3	Total/NA	Water	8260C	
480-202461-3	LD-1	Total/NA	Water	8260C	
480-202461-4	LD-2	Total/NA	Water	8260C	
MB 480-645212/8	Method Blank	Total/NA	Water	8260C	
LCS 480-645212/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-645212/55	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 645303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202410-1	U-4	Total/NA	Water	8260C	
480-202410-2	U-5	Total/NA	Water	8260C	

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QC Association Summary

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

GC/MS VOA (Continued)

Analysis Batch: 645303 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202410-3	U-6	Total/NA	Water	8260C	
480-202410-4	FIELD BLANK TSCA	Total/NA	Water	8260C	
480-202411-1	C-2	Total/NA	Water	8260C	
480-202411-2	C-6	Total/NA	Water	8260C	
480-202411-3	C-9	Total/NA	Water	8260C	
480-202411-4	C-10	Total/NA	Water	8260C	
MB 480-645303/9	Method Blank	Total/NA	Water	8260C	
LCS 480-645303/6	Lab Control Sample	Total/NA	Water	8260C	
480-202410-3 MS	U-6	Total/NA	Water	8260C	
480-202410-3 MSD	U-6	Total/NA	Water	8260C	

GC Semi VOA

Analysis Batch: 644303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202410-1	U-4	Total/NA	Water	8011	644340
480-202410-2	U-5	Total/NA	Water	8011	644340
480-202410-3	U-6	Total/NA	Water	8011	644340
480-202410-4	FIELD BLANK TSCA	Total/NA	Water	8011	644340
480-202411-1	C-2	Total/NA	Water	8011	644340
480-202411-2	C-6	Total/NA	Water	8011	644340
480-202411-3	C-9	Total/NA	Water	8011	644340
480-202411-4	C-10	Total/NA	Water	8011	644340
MB 480-644340/1-A	Method Blank	Total/NA	Water	8011	644340
LCS 480-644340/2-A	Lab Control Sample	Total/NA	Water	8011	644340
480-202410-3 MS	U-6	Total/NA	Water	8011	644340
480-202410-3 MSD	U-6	Total/NA	Water	8011	644340

Prep Batch: 644340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202410-1	U-4	Total/NA	Water	8011	
480-202410-2	U-5	Total/NA	Water	8011	
480-202410-3	U-6	Total/NA	Water	8011	
480-202410-4	FIELD BLANK TSCA	Total/NA	Water	8011	
480-202411-1	C-2	Total/NA	Water	8011	
480-202411-2	C-6	Total/NA	Water	8011	
480-202411-3	C-9	Total/NA	Water	8011	
480-202411-4	C-10	Total/NA	Water	8011	
MB 480-644340/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-644340/2-A	Lab Control Sample	Total/NA	Water	8011	
480-202410-3 MS	U-6	Total/NA	Water	8011	
480-202410-3 MSD	U-6	Total/NA	Water	8011	

Prep Batch: 644616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-7	U-21	Total/NA	Water	8011	
480-202457-8	U-22	Total/NA	Water	8011	
480-202457-9	U-26	Total/NA	Water	8011	
480-202457-10	U-25	Total/NA	Water	8011	
480-202457-11	DUP TSCA 1	Total/NA	Water	8011	
480-202457-12	U-10	Total/NA	Water	8011	

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

GC Semi VOA (Continued)

Prep Batch: 644616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-13	DUP TSCA 2	Total/NA	Water	8011	
480-202457-14	U-14	Total/NA	Water	8011	
480-202457-15	U-13	Total/NA	Water	8011	
480-202457-16	U-3	Total/NA	Water	8011	
MB 480-644616/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-644616/2-A	Lab Control Sample	Total/NA	Water	8011	

Prep Batch: 644617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-17	DUP TSCA 3	Total/NA	Water	8011	
480-202457-18	U-23	Total/NA	Water	8011	
480-202457-19	U-24	Total/NA	Water	8011	
480-202457-20	U-19	Total/NA	Water	8011	
480-202457-21	U-20	Total/NA	Water	8011	
480-202457-22	U-11	Total/NA	Water	8011	
480-202457-23	U-12	Total/NA	Water	8011	
MB 480-644617/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-644617/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-644617/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 644618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-7	U-21	Total/NA	Water	8011	644616
480-202457-8	U-22	Total/NA	Water	8011	644616
480-202457-9	U-26	Total/NA	Water	8011	644616
480-202457-10	U-25	Total/NA	Water	8011	644616
480-202457-11	DUP TSCA 1	Total/NA	Water	8011	644616
480-202457-12	U-10	Total/NA	Water	8011	644616
480-202457-13	DUP TSCA 2	Total/NA	Water	8011	644616
480-202457-14	U-14	Total/NA	Water	8011	644616
480-202457-15	U-13	Total/NA	Water	8011	644616
480-202457-16	U-3	Total/NA	Water	8011	644616
480-202457-17	DUP TSCA 3	Total/NA	Water	8011	644617
480-202457-18	U-23	Total/NA	Water	8011	644617
480-202457-19	U-24	Total/NA	Water	8011	644617
480-202457-20	U-19	Total/NA	Water	8011	644617
480-202457-21	U-20	Total/NA	Water	8011	644617
480-202457-22	U-11	Total/NA	Water	8011	644617
480-202457-23	U-12	Total/NA	Water	8011	644617
MB 480-644616/1-A	Method Blank	Total/NA	Water	8011	644616
MB 480-644617/1-A	Method Blank	Total/NA	Water	8011	644617
LCS 480-644616/2-A	Lab Control Sample	Total/NA	Water	8011	644616
LCS 480-644617/2-A	Lab Control Sample	Total/NA	Water	8011	644617
LCSD 480-644617/3-A	Lab Control Sample Dup	Total/NA	Water	8011	644617

Prep Batch: 644922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-1	U-15	Total/NA	Water	8011	
480-202457-2	U-17	Total/NA	Water	8011	
480-202457-3	U-16	Total/NA	Water	8011	
480-202457-4	U-18	Total/NA	Water	8011	

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

GC Semi VOA (Continued)

Prep Batch: 644922 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-5	U-22A	Total/NA	Water	8011	
480-202457-6	U-21A	Total/NA	Water	8011	
MB 480-644922/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-644922/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-644922/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 644928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-1	U-15	Total/NA	Water	8011	644922
480-202457-2	U-17	Total/NA	Water	8011	644922
480-202457-3	U-16	Total/NA	Water	8011	644922
480-202457-4	U-18	Total/NA	Water	8011	644922
480-202457-5	U-22A	Total/NA	Water	8011	644922
480-202457-6	U-21A	Total/NA	Water	8011	644922
480-202461-1	LD-4	Total/NA	Water	8011	644942
480-202461-2	LD-3	Total/NA	Water	8011	644942
480-202461-3	LD-1	Total/NA	Water	8011	644942
480-202461-4	LD-2	Total/NA	Water	8011	644942
MB 480-644922/1-A	Method Blank	Total/NA	Water	8011	644922
MB 480-644942/1-A	Method Blank	Total/NA	Water	8011	644942
LCS 480-644922/2-A	Lab Control Sample	Total/NA	Water	8011	644922
LCS 480-644942/2-A	Lab Control Sample	Total/NA	Water	8011	644942
LCSD 480-644922/3-A	Lab Control Sample Dup	Total/NA	Water	8011	644922
LCSD 480-644942/3-A	Lab Control Sample Dup	Total/NA	Water	8011	644942

Prep Batch: 644942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202461-1	LD-4	Total/NA	Water	8011	
480-202461-2	LD-3	Total/NA	Water	8011	
480-202461-3	LD-1	Total/NA	Water	8011	
480-202461-4	LD-2	Total/NA	Water	8011	
MB 480-644942/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-644942/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-644942/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Prep Batch: 645213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-1	U-15	Total/NA	Water	3510C	
480-202457-2	U-17	Total/NA	Water	3510C	
480-202457-3	U-16	Total/NA	Water	3510C	
480-202457-4	U-18	Total/NA	Water	3510C	
480-202457-5	U-22A	Total/NA	Water	3510C	
480-202457-6	U-21A	Total/NA	Water	3510C	
480-202457-7	U-21	Total/NA	Water	3510C	
MB 480-645213/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-645213/2-A	Lab Control Sample	Total/NA	Water	3510C	

Prep Batch: 645215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202410-1	U-4	Total/NA	Water	3510C	
480-202410-2	U-5	Total/NA	Water	3510C	

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

GC Semi VOA (Continued)

Prep Batch: 645215 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202410-3	U-6	Total/NA	Water	3510C	
480-202410-4	FIELD BLANK TSCA	Total/NA	Water	3510C	
480-202411-1	C-2	Total/NA	Water	3510C	
480-202411-2	C-6	Total/NA	Water	3510C	
480-202411-3	C-9	Total/NA	Water	3510C	
480-202411-4	C-10	Total/NA	Water	3510C	
MB 480-645215/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-645215/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-202410-3 MS	U-6	Total/NA	Water	3510C	
480-202410-3 MSD	U-6	Total/NA	Water	3510C	

Analysis Batch: 645333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202410-1	U-4	Total/NA	Water	8082A	645215
480-202410-2	U-5	Total/NA	Water	8082A	645215
480-202410-3	U-6	Total/NA	Water	8082A	645215
480-202410-4	FIELD BLANK TSCA	Total/NA	Water	8082A	645215
480-202411-1	C-2	Total/NA	Water	8082A	645215
480-202411-2	C-6	Total/NA	Water	8082A	645215
480-202411-3	C-9	Total/NA	Water	8082A	645215
480-202411-4	C-10	Total/NA	Water	8082A	645215
480-202457-1	U-15	Total/NA	Water	8082A	645213
480-202457-2	U-17	Total/NA	Water	8082A	645213
480-202457-3	U-16	Total/NA	Water	8082A	645213
480-202457-4	U-18	Total/NA	Water	8082A	645213
480-202457-5	U-22A	Total/NA	Water	8082A	645213
480-202457-6	U-21A	Total/NA	Water	8082A	645213
480-202457-7	U-21	Total/NA	Water	8082A	645213
MB 480-645213/1-A	Method Blank	Total/NA	Water	8082A	645213
MB 480-645215/1-A	Method Blank	Total/NA	Water	8082A	645215
LCS 480-645213/2-A	Lab Control Sample	Total/NA	Water	8082A	645213
LCS 480-645215/2-A	Lab Control Sample	Total/NA	Water	8082A	645215
480-202410-3 MS	U-6	Total/NA	Water	8082A	645215
480-202410-3 MSD	U-6	Total/NA	Water	8082A	645215

Prep Batch: 645358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-8	U-22	Total/NA	Water	3510C	
480-202457-9	U-26	Total/NA	Water	3510C	
480-202457-10	U-25	Total/NA	Water	3510C	
480-202457-11	DUP TSCA 1	Total/NA	Water	3510C	
480-202457-12	U-10	Total/NA	Water	3510C	
480-202457-13	DUP TSCA 2	Total/NA	Water	3510C	
480-202457-14	U-14	Total/NA	Water	3510C	
480-202457-15	U-13	Total/NA	Water	3510C	
480-202457-16	U-3	Total/NA	Water	3510C	
480-202457-17	DUP TSCA 3	Total/NA	Water	3510C	
480-202457-18	U-23	Total/NA	Water	3510C	
480-202457-19	U-24	Total/NA	Water	3510C	
480-202457-20	U-19	Total/NA	Water	3510C	
480-202457-21	U-20	Total/NA	Water	3510C	

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

GC Semi VOA (Continued)

Prep Batch: 645358 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-22	U-11	Total/NA	Water	3510C	
480-202457-23	U-12	Total/NA	Water	3510C	
MB 480-645358/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-645358/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-645358/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 645415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-8	U-22	Total/NA	Water	8082A	645358
480-202457-9	U-26	Total/NA	Water	8082A	645358
480-202457-10	U-25	Total/NA	Water	8082A	645358
480-202457-11	DUP TSCA 1	Total/NA	Water	8082A	645358
480-202457-12	U-10	Total/NA	Water	8082A	645358
480-202457-13	DUP TSCA 2	Total/NA	Water	8082A	645358
480-202457-14	U-14	Total/NA	Water	8082A	645358
480-202457-15	U-13	Total/NA	Water	8082A	645358
480-202457-16	U-3	Total/NA	Water	8082A	645358
480-202457-17	DUP TSCA 3	Total/NA	Water	8082A	645358
480-202457-18	U-23	Total/NA	Water	8082A	645358
480-202457-19	U-24	Total/NA	Water	8082A	645358
480-202457-20	U-19	Total/NA	Water	8082A	645358
480-202457-21	U-20	Total/NA	Water	8082A	645358
480-202457-22	U-11	Total/NA	Water	8082A	645358
480-202457-23	U-12	Total/NA	Water	8082A	645358
MB 480-645358/1-A	Method Blank	Total/NA	Water	8082A	645358
LCS 480-645358/2-A	Lab Control Sample	Total/NA	Water	8082A	645358
LCSD 480-645358/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	645358

Prep Batch: 645596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202461-1	LD-4	Total/NA	Water	3510C	
480-202461-2	LD-3	Total/NA	Water	3510C	
480-202461-3	LD-1	Total/NA	Water	3510C	
480-202461-4	LD-2	Total/NA	Water	3510C	
MB 480-645596/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-645596/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 645718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202461-1	LD-4	Total/NA	Water	8082A	645596
480-202461-2	LD-3	Total/NA	Water	8082A	645596
480-202461-3	LD-1	Total/NA	Water	8082A	645596
480-202461-4	LD-2	Total/NA	Water	8082A	645596
MB 480-645596/1-A	Method Blank	Total/NA	Water	8082A	645596
LCS 480-645596/2-A	Lab Control Sample	Total/NA	Water	8082A	645596

Prep Batch: 646410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-5	U-22A	Total/NA	Water	8011	
MB 480-646410/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-646410/2-A	Lab Control Sample	Total/NA	Water	8011	

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

GC Semi VOA (Continued)

Prep Batch: 646410 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 480-646410/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 646433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202457-5	U-22A	Total/NA	Water	8011	646410
MB 480-646410/1-A	Method Blank	Total/NA	Water	8011	646410
LCS 480-646410/2-A	Lab Control Sample	Total/NA	Water	8011	646410
LCSD 480-646410/3-A	Lab Control Sample Dup	Total/NA	Water	8011	646410

General Chemistry

Analysis Batch: 646154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202410-1	U-4	Total/NA	Water	9060A	
480-202410-2	U-5	Total/NA	Water	9060A	
480-202410-3	U-6	Total/NA	Water	9060A	
480-202410-4	FIELD BLANK TSCA	Total/NA	Water	9060A	
480-202411-1	C-2	Total/NA	Water	9060A	
480-202411-2	C-6	Total/NA	Water	9060A	
480-202411-3	C-9	Total/NA	Water	9060A	
480-202411-4	C-10	Total/NA	Water	9060A	
480-202457-1	U-15	Total/NA	Water	9060A	
480-202457-2	U-17	Total/NA	Water	9060A	
480-202457-3	U-16	Total/NA	Water	9060A	
480-202457-4	U-18	Total/NA	Water	9060A	
480-202457-5	U-22A	Total/NA	Water	9060A	
480-202457-6	U-21A	Total/NA	Water	9060A	
480-202457-7	U-21	Total/NA	Water	9060A	
480-202457-8	U-22	Total/NA	Water	9060A	
480-202457-9	U-26	Total/NA	Water	9060A	
480-202457-10	U-25	Total/NA	Water	9060A	
480-202457-11	DUP TSCA 1	Total/NA	Water	9060A	
480-202457-12	U-10	Total/NA	Water	9060A	
480-202457-13	DUP TSCA 2	Total/NA	Water	9060A	
480-202457-14	U-14	Total/NA	Water	9060A	
480-202457-15	U-13	Total/NA	Water	9060A	
480-202457-16	U-3	Total/NA	Water	9060A	
480-202457-17	DUP TSCA 3	Total/NA	Water	9060A	
480-202457-18	U-23	Total/NA	Water	9060A	
480-202457-19	U-24	Total/NA	Water	9060A	
480-202457-20	U-19	Total/NA	Water	9060A	
480-202457-21	U-20	Total/NA	Water	9060A	
480-202457-22	U-11	Total/NA	Water	9060A	
480-202457-23	U-12	Total/NA	Water	9060A	
MB 480-646154/28	Method Blank	Total/NA	Water	9060A	
MB 480-646154/4	Method Blank	Total/NA	Water	9060A	
MB 480-646154/52	Method Blank	Total/NA	Water	9060A	
MB 480-646154/76	Method Blank	Total/NA	Water	9060A	
LCS 480-646154/29	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-646154/5	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-646154/53	Lab Control Sample	Total/NA	Water	9060A	

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

General Chemistry (Continued)

Analysis Batch: 646154 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-646154/77	Lab Control Sample	Total/NA	Water	9060A	
480-202410-3 MS	U-6	Total/NA	Water	9060A	
480-202410-3 MSD	U-6	Total/NA	Water	9060A	
480-202457-8 MS	U-22	Total/NA	Water	9060A	
480-202457-14 MS	U-14	Total/NA	Water	9060A	
480-202457-22 MS	U-11	Total/NA	Water	9060A	
480-202457-1 DU	U-15	Total/NA	Water	9060A	
480-202457-9 DU	U-26	Total/NA	Water	9060A	
480-202457-15 DU	U-13	Total/NA	Water	9060A	
480-202457-23 DU	U-12	Total/NA	Water	9060A	

Analysis Batch: 646191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202461-1	LD-4	Total/NA	Water	9060A	
480-202461-2	LD-3	Total/NA	Water	9060A	
480-202461-3	LD-1	Total/NA	Water	9060A	
480-202461-4	LD-2	Total/NA	Water	9060A	
MB 480-646191/28	Method Blank	Total/NA	Water	9060A	
LCS 480-646191/29	Lab Control Sample	Total/NA	Water	9060A	

Field Service / Mobile Lab

Analysis Batch: 646016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202411-1	C-2	Total/NA	Water	Field Sampling	
480-202411-2	C-6	Total/NA	Water	Field Sampling	
480-202411-3	C-9	Total/NA	Water	Field Sampling	
480-202411-4	C-10	Total/NA	Water	Field Sampling	
480-202457-1	U-15	Total/NA	Water	Field Sampling	
480-202457-2	U-17	Total/NA	Water	Field Sampling	
480-202457-3	U-16	Total/NA	Water	Field Sampling	
480-202457-4	U-18	Total/NA	Water	Field Sampling	
480-202457-5	U-22A	Total/NA	Water	Field Sampling	
480-202457-6	U-21A	Total/NA	Water	Field Sampling	
480-202457-7	U-21	Total/NA	Water	Field Sampling	
480-202457-8	U-22	Total/NA	Water	Field Sampling	
480-202457-9	U-26	Total/NA	Water	Field Sampling	
480-202457-10	U-25	Total/NA	Water	Field Sampling	
480-202457-11	DUP TSCA 1	Total/NA	Water	Field Sampling	
480-202457-12	U-10	Total/NA	Water	Field Sampling	
480-202457-13	DUP TSCA 2	Total/NA	Water	Field Sampling	
480-202457-14	U-14	Total/NA	Water	Field Sampling	
480-202457-15	U-13	Total/NA	Water	Field Sampling	
480-202457-16	U-3	Total/NA	Water	Field Sampling	
480-202457-17	DUP TSCA 3	Total/NA	Water	Field Sampling	
480-202457-18	U-23	Total/NA	Water	Field Sampling	
480-202457-19	U-24	Total/NA	Water	Field Sampling	
480-202457-20	U-19	Total/NA	Water	Field Sampling	
480-202457-21	U-20	Total/NA	Water	Field Sampling	
480-202457-22	U-11	Total/NA	Water	Field Sampling	
480-202457-23	U-12	Total/NA	Water	Field Sampling	

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Field Service / Mobile Lab (Continued)

Analysis Batch: 646016 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202461-1	LD-4	Total/NA	Water	Field Sampling	
480-202461-2	LD-3	Total/NA	Water	Field Sampling	
480-202461-3	LD-1	Total/NA	Water	Field Sampling	
480-202461-4	LD-2	Total/NA	Water	Field Sampling	

Analysis Batch: 646060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202410-1	U-4	Total/NA	Water	Field Sampling	
480-202410-2	U-5	Total/NA	Water	Field Sampling	
480-202410-3	U-6	Total/NA	Water	Field Sampling	
480-202410-4	FIELD BLANK TSCA	Total/NA	Water	Field Sampling	
480-202410-3 MS	U-6	Total/NA	Water	Field Sampling	
480-202410-3 MSD	U-6	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-4

Date Collected: 10/05/22 08:30

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202410-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	645303	ATG	EET BUF	10/13/22 22:47
Total/NA	Prep	8011			644340	DSC	EET BUF	10/06/22 16:22
Total/NA	Analysis	8011		1	644303	DSC	EET BUF	10/06/22 20:23
Total/NA	Prep	3510C			645215	MS	EET BUF	10/13/22 08:45
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/14/22 01:17
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 01:31
Total/NA	Analysis	Field Sampling		1	646060	FLD	EET BUF	10/05/22 08:30

Client Sample ID: U-5

Date Collected: 10/05/22 09:15

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202410-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	645303	ATG	EET BUF	10/13/22 23:10
Total/NA	Prep	8011			644340	DSC	EET BUF	10/06/22 16:22
Total/NA	Analysis	8011		1	644303	DSC	EET BUF	10/06/22 20:43
Total/NA	Prep	3510C			645215	MS	EET BUF	10/13/22 08:45
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/14/22 01:31
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 01:59
Total/NA	Analysis	Field Sampling		1	646060	FLD	EET BUF	10/05/22 09:15

Client Sample ID: U-6

Date Collected: 10/05/22 10:00

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202410-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	645303	ATG	EET BUF	10/13/22 23:33
Total/NA	Prep	8011			644340	DSC	EET BUF	10/06/22 16:22
Total/NA	Analysis	8011		1	644303	DSC	EET BUF	10/06/22 21:03
Total/NA	Prep	3510C			645215	MS	EET BUF	10/13/22 08:45
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/14/22 00:23
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 05:51
Total/NA	Analysis	Field Sampling		1	646060	FLD	EET BUF	10/05/22 10:00

Client Sample ID: FIELD BLANK TSCA

Date Collected: 10/05/22 10:25

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202410-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	645303	ATG	EET BUF	10/13/22 23:56
Total/NA	Prep	8011			644340	DSC	EET BUF	10/06/22 16:22
Total/NA	Analysis	8011		1	644303	DSC	EET BUF	10/06/22 22:22
Total/NA	Prep	3510C			645215	MS	EET BUF	10/13/22 08:45
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/14/22 01:44

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Lab Chronicle

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: FIELD BLANK TSCA

Lab Sample ID: 480-202410-4

Matrix: Water

Date Collected: 10/05/22 10:25

Date Received: 10/06/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 02:27
Total/NA	Analysis	Field Sampling		1	646060	FLD	EET BUF	10/05/22 10:25

Client Sample ID: C-2

Lab Sample ID: 480-202411-1

Matrix: Water

Date Collected: 10/05/22 12:57

Date Received: 10/06/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	645303	ATG	EET BUF	10/14/22 00:19
Total/NA	Prep	8011			644340	DSC	EET BUF	10/06/22 16:22
Total/NA	Analysis	8011		1	644303	DSC	EET BUF	10/06/22 22:42
Total/NA	Prep	3510C			645215	MS	EET BUF	10/13/22 08:45
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/14/22 01:57
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 06:19
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/05/22 12:57

Client Sample ID: C-6

Lab Sample ID: 480-202411-2

Matrix: Water

Date Collected: 10/05/22 11:55

Date Received: 10/06/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	645303	ATG	EET BUF	10/14/22 00:43
Total/NA	Prep	8011			644340	DSC	EET BUF	10/06/22 16:22
Total/NA	Analysis	8011		1	644303	DSC	EET BUF	10/06/22 23:02
Total/NA	Prep	3510C			645215	MS	EET BUF	10/13/22 08:45
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/14/22 02:11
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 06:48
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/05/22 11:55

Client Sample ID: C-9

Lab Sample ID: 480-202411-3

Matrix: Water

Date Collected: 10/05/22 13:25

Date Received: 10/06/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	645303	ATG	EET BUF	10/14/22 01:06
Total/NA	Prep	8011			644340	DSC	EET BUF	10/06/22 16:22
Total/NA	Analysis	8011		1	644303	DSC	EET BUF	10/06/22 23:22
Total/NA	Prep	3510C			645215	MS	EET BUF	10/13/22 08:45
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/14/22 02:51
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 07:18
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/05/22 13:25

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Lab Chronicle

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-10

Date Collected: 10/05/22 12:30

Date Received: 10/06/22 10:00

Lab Sample ID: 480-202411-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	645303	ATG	EET BUF	10/14/22 01:30
Total/NA	Prep	8011			644340	DSC	EET BUF	10/06/22 16:22
Total/NA	Analysis	8011		1	644303	DSC	EET BUF	10/06/22 23:42
Total/NA	Prep	3510C			645215	MS	EET BUF	10/13/22 08:45
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/14/22 03:05
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 07:47
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/05/22 12:30

Client Sample ID: U-15

Date Collected: 10/03/22 14:10

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644857	CR	EET BUF	10/11/22 16:56
Total/NA	Prep	8011			644922	DSC	EET BUF	10/11/22 13:38
Total/NA	Analysis	8011		1	644928	DSC	EET BUF	10/11/22 17:38
Total/NA	Prep	3510C			645213	MS	EET BUF	10/13/22 08:28
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/13/22 19:42
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 11:08
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/03/22 14:10

Client Sample ID: U-17

Date Collected: 10/03/22 14:30

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644857	CR	EET BUF	10/11/22 17:20
Total/NA	Prep	8011			644922	DSC	EET BUF	10/11/22 13:38
Total/NA	Analysis	8011		1	644928	DSC	EET BUF	10/11/22 17:58
Total/NA	Prep	3510C			645213	MS	EET BUF	10/13/22 08:28
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/13/22 19:56
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 11:36
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/03/22 14:30

Client Sample ID: U-16

Date Collected: 10/03/22 15:14

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644857	CR	EET BUF	10/11/22 17:44
Total/NA	Prep	8011			644922	DSC	EET BUF	10/11/22 13:38
Total/NA	Analysis	8011		1	644928	DSC	EET BUF	10/11/22 18:18
Total/NA	Prep	3510C			645213	MS	EET BUF	10/13/22 08:28
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/13/22 20:09

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Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-16

Date Collected: 10/03/22 15:14

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 12:04
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/03/22 15:14

Client Sample ID: U-18

Date Collected: 10/03/22 15:34

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644857	CR	EET BUF	10/11/22 18:07
Total/NA	Prep	8011			644922	DSC	EET BUF	10/11/22 13:38
Total/NA	Analysis	8011		1	644928	DSC	EET BUF	10/11/22 18:38
Total/NA	Prep	3510C			645213	MS	EET BUF	10/13/22 08:28
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/13/22 20:22
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 12:31
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/03/22 15:34

Client Sample ID: U-22A

Date Collected: 10/03/22 16:20

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644857	CR	EET BUF	10/11/22 18:31
Total/NA	Prep	8011			644922	DSC	EET BUF	10/11/22 13:38
Total/NA	Analysis	8011		1	644928	DSC	EET BUF	10/11/22 18:58
Total/NA	Prep	8011			646410	DSC	EET BUF	10/20/22 15:28
Total/NA	Analysis	8011		1	646433	DSC	EET BUF	10/21/22 01:44
Total/NA	Prep	3510C			645213	MS	EET BUF	10/13/22 08:28
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/13/22 20:36
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 12:59
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/03/22 16:20

Client Sample ID: U-21A

Date Collected: 10/03/22 16:43

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644857	CR	EET BUF	10/11/22 18:54
Total/NA	Prep	8011			644922	DSC	EET BUF	10/11/22 13:38
Total/NA	Analysis	8011		1	644928	DSC	EET BUF	10/11/22 19:18
Total/NA	Prep	3510C			645213	MS	EET BUF	10/13/22 08:28
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/13/22 20:49
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 13:28
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/03/22 16:43

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Lab Chronicle

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21

Date Collected: 10/03/22 17:30

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644660	CB	EET BUF	10/10/22 23:00
Total/NA	Prep	8011			644616	DSC	EET BUF	10/09/22 18:49
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 01:10
Total/NA	Prep	3510C			645213	MS	EET BUF	10/13/22 08:28
Total/NA	Analysis	8082A		1	645333	W1T	EET BUF	10/13/22 21:03
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 13:57
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/03/22 17:30

Client Sample ID: U-22

Date Collected: 10/03/22 17:56

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644857	CR	EET BUF	10/11/22 19:18
Total/NA	Prep	8011			644616	DSC	EET BUF	10/09/22 18:49
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 01:29
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 10:35
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 16:51
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/03/22 17:56

Client Sample ID: U-26

Date Collected: 10/04/22 09:54

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 15:31
Total/NA	Prep	8011			644616	DSC	EET BUF	10/09/22 18:49
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 01:49
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 10:48
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 17:49
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 09:54

Client Sample ID: U-25

Date Collected: 10/04/22 10:29

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 15:54
Total/NA	Prep	8011			644616	DSC	EET BUF	10/09/22 18:49
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 02:09
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 11:02

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Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-25

Date Collected: 10/04/22 10:29

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 18:18
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 10:29

Client Sample ID: DUP TSCA 1

Date Collected: 10/04/22 10:29

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 16:16
Total/NA	Prep	8011			644616	DSC	EET BUF	10/09/22 18:49
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 02:29
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 11:15
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 18:46
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 10:29

Client Sample ID: U-10

Date Collected: 10/04/22 16:29

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 16:39
Total/NA	Prep	8011			644616	DSC	EET BUF	10/09/22 18:49
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 02:49
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 11:29
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 19:15
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 16:29

Client Sample ID: DUP TSCA 2

Date Collected: 10/04/22 16:29

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 17:01
Total/NA	Prep	8011			644616	DSC	EET BUF	10/09/22 18:49
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 03:08
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 11:42
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 19:44
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 16:29

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Lab Chronicle

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-14

Lab Sample ID: 480-202457-14

Matrix: Water

Date Collected: 10/04/22 17:05

Date Received: 10/06/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 17:23
Total/NA	Prep	8011			644616	DSC	EET BUF	10/09/22 18:49
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 03:48
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 11:55
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 21:42
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 17:05

Client Sample ID: U-13

Lab Sample ID: 480-202457-15

Matrix: Water

Date Collected: 10/04/22 17:47

Date Received: 10/06/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 17:46
Total/NA	Prep	8011			644616	DSC	EET BUF	10/09/22 18:49
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 04:08
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 12:09
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 22:38
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 17:47

Client Sample ID: U-3

Lab Sample ID: 480-202457-16

Matrix: Water

Date Collected: 10/04/22 18:34

Date Received: 10/06/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 18:08
Total/NA	Prep	8011			644616	DSC	EET BUF	10/09/22 18:49
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 04:28
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 12:22
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 23:06
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 18:34

Client Sample ID: DUP TSCA 3

Lab Sample ID: 480-202457-17

Matrix: Water

Date Collected: 10/04/22 18:34

Date Received: 10/06/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 18:31
Total/NA	Prep	8011			644617	DSC	EET BUF	10/09/22 19:25
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 05:47
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 12:35

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: DUP TSCA 3

Date Collected: 10/04/22 18:34

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/18/22 23:35
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 18:34

Client Sample ID: U-23

Date Collected: 10/04/22 11:14

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 18:53
Total/NA	Prep	8011			644617	DSC	EET BUF	10/09/22 19:25
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 06:07
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 12:49
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/19/22 00:04
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 11:14

Client Sample ID: U-24

Date Collected: 10/04/22 12:21

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 19:15
Total/NA	Prep	8011			644617	DSC	EET BUF	10/09/22 19:25
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 06:26
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 13:02
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/19/22 00:34
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 12:21

Client Sample ID: U-19

Date Collected: 10/04/22 13:28

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 19:38
Total/NA	Prep	8011			644617	DSC	EET BUF	10/09/22 19:25
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 06:46
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 13:16
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/19/22 01:02
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 13:28

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: U-20

Date Collected: 10/04/22 14:00

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 20:00
Total/NA	Prep	8011			644617	DSC	EET BUF	10/09/22 19:25
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 07:26
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 13:29
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/19/22 01:31
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 14:00

Client Sample ID: U-11

Date Collected: 10/04/22 15:02

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 20:23
Total/NA	Prep	8011			644617	DSC	EET BUF	10/09/22 19:25
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 07:46
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 13:42
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/19/22 04:25
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 15:02

Client Sample ID: U-12

Date Collected: 10/04/22 15:24

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 20:45
Total/NA	Prep	8011			644617	DSC	EET BUF	10/09/22 19:25
Total/NA	Analysis	8011		1	644618	DSC	EET BUF	10/10/22 08:05
Total/NA	Prep	3510C			645358	SJM	EET BUF	10/13/22 15:38
Total/NA	Analysis	8082A		1	645415	W1T	EET BUF	10/14/22 13:56
Total/NA	Analysis	9060A		1	646154	KER	EET BUF	10/19/22 05:23
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 15:24

Client Sample ID: TRIP BLANK

Date Collected: 10/04/22 00:00

Date Received: 10/06/22 10:30

Lab Sample ID: 480-202457-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644919	CB	EET BUF	10/12/22 21:08

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc

Job ID: 480-202410-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-4

Date Collected: 10/04/22 08:28

Date Received: 10/07/22 10:30

Lab Sample ID: 480-202461-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	645212	CR	EET BUF	10/13/22 16:39
Total/NA	Prep	8011			644942	DSC	EET BUF	10/11/22 15:26
Total/NA	Analysis	8011		1	644928	DSC	EET BUF	10/12/22 00:17
Total/NA	Prep	3510C			645596	MS	EET BUF	10/15/22 07:35
Total/NA	Analysis	8082A		1	645718	W1T	EET BUF	10/16/22 18:53
Total/NA	Analysis	9060A		1	646191	KER	EET BUF	10/18/22 14:48
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 08:28

Client Sample ID: LD-3

Date Collected: 10/04/22 08:50

Date Received: 10/07/22 10:30

Lab Sample ID: 480-202461-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	645212	CR	EET BUF	10/13/22 17:02
Total/NA	Prep	8011			644942	DSC	EET BUF	10/11/22 15:26
Total/NA	Analysis	8011		1	644928	DSC	EET BUF	10/12/22 00:36
Total/NA	Prep	3510C			645596	MS	EET BUF	10/15/22 07:35
Total/NA	Analysis	8082A		1	645718	W1T	EET BUF	10/16/22 19:06
Total/NA	Analysis	9060A		1	646191	KER	EET BUF	10/18/22 15:17
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 08:50

Client Sample ID: LD-1

Date Collected: 10/04/22 11:50

Date Received: 10/07/22 10:30

Lab Sample ID: 480-202461-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	645212	CR	EET BUF	10/13/22 17:25
Total/NA	Prep	8011			644942	DSC	EET BUF	10/11/22 15:26
Total/NA	Analysis	8011		1	644928	DSC	EET BUF	10/12/22 00:56
Total/NA	Prep	3510C			645596	MS	EET BUF	10/15/22 07:35
Total/NA	Analysis	8082A		1	645718	W1T	EET BUF	10/16/22 19:20
Total/NA	Analysis	9060A		1	646191	KER	EET BUF	10/18/22 15:46
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 11:50

Client Sample ID: LD-2

Date Collected: 10/04/22 11:55

Date Received: 10/07/22 10:30

Lab Sample ID: 480-202461-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	645212	CR	EET BUF	10/13/22 17:48
Total/NA	Prep	8011			644942	DSC	EET BUF	10/11/22 15:26
Total/NA	Analysis	8011		1	644928	DSC	EET BUF	10/12/22 15:15
Total/NA	Prep	3510C			645596	MS	EET BUF	10/15/22 07:35
Total/NA	Analysis	8082A		1	645718	W1T	EET BUF	10/16/22 19:33

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Client Sample ID: LD-2

Lab Sample ID: 480-202461-4

Matrix: Water

Date Collected: 10/04/22 11:55

Date Received: 10/07/22 10:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9060A		1	646191	KER	EET BUF	10/18/22 16:16
Total/NA	Analysis	Field Sampling		1	646016	FLD	EET BUF	10/04/22 11:55

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Laboratory: Eurofins Buffalo

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0686	07-06-22 *
Connecticut	State	PH-0568	03-31-24
Florida	NELAP	E87672	06-30-23
Georgia	State	10026 (NY)	04-01-23
Georgia	State Program	N/A	03-31-09 *
Georgia (DW)	State	956	03-31-23
Illinois	NELAP	200003	09-30-23
Iowa	State	374	03-01-23
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	01-31-23
Kentucky (DW)	State	90029	12-31-22
Kentucky (UST)	State	30	04-01-23
Kentucky (WW)	State	KY90029	12-31-22
Louisiana	NELAP	02031	06-30-23
Louisiana (All)	NELAP	02031	06-30-23
Maine	State	NY00044	12-04-22
Maryland	State	294	03-31-23
Massachusetts	State	M-NY044	06-30-23
Michigan	State	9937	03-31-23
Michigan	State Program	9937	04-01-09 *
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-17-22
New Jersey	NELAP	NY455	06-30-23
New York	NELAP	10026	03-31-23
Pennsylvania	NELAP	68-00281	07-31-23
Rhode Island	State	LAO00328	12-30-22
Tennessee	State	02970	04-01-23
Texas	NELAP	T104704412-18-10	07-31-23
USDA	US Federal Programs	P330-18-00039	03-25-24
Virginia	NELAP	460185	09-14-23
Washington	State	C784	02-10-23
Wisconsin	State	998310390	08-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8011	EDB and DBCP in Water by Microextraction	EPA	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
9060A	Organic Carbon, Total (TOC)	SW846	EET BUF
Field Sampling	Field Sampling	EPA	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
8011	Microextraction	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	
480-202410-1	U-4	Water	10/05/22 08:30	10/06/22 10:30	1
480-202410-2	U-5	Water	10/05/22 09:15	10/06/22 10:30	2
480-202410-3	U-6	Water	10/05/22 10:00	10/06/22 10:30	3
480-202410-4	FIELD BLANK TSCA	Water	10/05/22 10:25	10/06/22 10:30	4
480-202411-1	C-2	Water	10/05/22 12:57	10/06/22 10:00	5
480-202411-2	C-6	Water	10/05/22 11:55	10/06/22 10:00	6
480-202411-3	C-9	Water	10/05/22 13:25	10/06/22 10:00	7
480-202411-4	C-10	Water	10/05/22 12:30	10/06/22 10:00	8
480-202457-1	U-15	Water	10/03/22 14:10	10/06/22 10:30	9
480-202457-2	U-17	Water	10/03/22 14:30	10/06/22 10:30	10
480-202457-3	U-16	Water	10/03/22 15:14	10/06/22 10:30	11
480-202457-4	U-18	Water	10/03/22 15:34	10/06/22 10:30	12
480-202457-5	U-22A	Water	10/03/22 16:20	10/06/22 10:30	13
480-202457-6	U-21A	Water	10/03/22 16:43	10/06/22 10:30	14
480-202457-7	U-21	Water	10/03/22 17:30	10/06/22 10:30	15
480-202457-8	U-22	Water	10/03/22 17:56	10/06/22 10:30	16
480-202457-9	U-26	Water	10/04/22 09:54	10/06/22 10:30	17
480-202457-10	U-25	Water	10/04/22 10:29	10/06/22 10:30	18
480-202457-11	DUP TSCA 1	Water	10/04/22 10:29	10/06/22 10:30	19
480-202457-12	U-10	Water	10/04/22 16:29	10/06/22 10:30	20
480-202457-13	DUP TSCA 2	Water	10/04/22 16:29	10/06/22 10:30	21
480-202457-14	U-14	Water	10/04/22 17:05	10/06/22 10:30	22
480-202457-15	U-13	Water	10/04/22 17:47	10/06/22 10:30	23
480-202457-16	U-3	Water	10/04/22 18:34	10/06/22 10:30	24
480-202457-17	DUP TSCA 3	Water	10/04/22 18:34	10/06/22 10:30	25
480-202457-18	U-23	Water	10/04/22 11:14	10/06/22 10:30	26
480-202457-19	U-24	Water	10/04/22 12:21	10/06/22 10:30	27
480-202457-20	U-19	Water	10/04/22 13:28	10/06/22 10:30	28
480-202457-21	U-20	Water	10/04/22 14:00	10/06/22 10:30	29
480-202457-22	U-11	Water	10/04/22 15:02	10/06/22 10:30	30
480-202457-23	U-12	Water	10/04/22 15:24	10/06/22 10:30	31
480-202457-24	TRIP BLANK	Water	10/04/22 00:00	10/06/22 10:30	32
480-202461-1	LD-4	Water	10/04/22 08:28	10/07/22 10:30	33
480-202461-2	LD-3	Water	10/04/22 08:50	10/07/22 10:30	34
480-202461-3	LD-1	Water	10/04/22 11:50	10/07/22 10:30	35
480-202461-4	LD-2	Water	10/04/22 11:55	10/07/22 10:30	36

Columbus

Chain of Custody Record

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

209

Regulatory Program:

DW

NPIES

RCRA

Other:

Client Contact		Project Manager: Mike Gibson		Site Contact: Andrew Thompson		Date:	COC No:	
Eagon & Associates, Inc.	Email: mgibson@eagoninc.com	Lab Contact: Brian Fischer	Carrier:	TALs Project #:			of _____ COCs	
100 W. Old Wilson Bridge Rd, Suite 115	Tel/Fax: (614) 888-5760/5763	Analysis Turnaround Time		Sampler:				
Worthington, Ohio 43085	(614) 888-5760	<input checked="" type="checkbox"/> CALENDAR DAYS	<input type="checkbox"/> WORKING DAYS	For Lab Use Only:				
	(614) 888-5763	TAT if different from Below		Walk-in Client:				
	FAX	<input type="checkbox"/>	2 weeks	Lab Sampling:				
Project Name: TSCA - Quarterly Sampling		<input type="checkbox"/>	1 week	Job / SDG No.:				
Site: CECOS-Aber Rd		<input type="checkbox"/>	2 days					
P O #		<input type="checkbox"/>	1 day					
Sample Identification								
		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes	
V-4	10-5-22	08:30	Grab	6 w	10	N	X	X
V-5	10-5-22	09:15	Grab		10	N	X	X
V-6	10-5-22	10:00	Grab		10	N	X	X
Matrix Spike TSCA	10-5-22	10:00	Grab		10	N	X	X
Matrix Spike TSCA Dif	10-5-22	10:00			10	N	X	X
Field Blank TSCA	10-5-22	10:25	W	10	N	X	X	X
Preservation Used: 1= Ice, 2= HCl; 3= H ₂ SO ₄ ; 4= HNO ₃ ; 5= NaOH; 6= Other								
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.								
<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Electronic	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Poison Gas	<input type="checkbox"/> Unknown	Archive for Months			
Special Instructions/QC Requirements & Comments: 2,9 # 1 tce								
Custody Seals Intact:		<input type="checkbox"/> Yes	<input type="checkbox"/> No	Custody Seal No.:	Received by	Cooler Temp. (°C): Obs'd:	Corr'd:	Therm ID No.:
Relinquished by:		<i>Eric L.</i>		Company: Eagon & Associates, Inc.	Date/Time: 10-5-22 16:50	Company: <i>Eric Rivera</i>	Date/Time: <i>10-5-22 16:50</i>	
Relinquished by:		<i>Eric Rivera</i>		Company: <i>ETA</i>	Date/Time: <i>10-5-22 17:30</i>	Company: <i>Eric Rivera</i>	Date/Time: <i>10-5-22 17:30</i>	
Relinquished by:		<i>Eric Rivera</i>		Company: <i>W.W.</i>	Date/Time:	Company: <i>A</i>	Date/Time: <i>10-6-22 16:30</i>	

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Columbus
2009

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7979

Chain of Custody Record

eurofins

Einführung in die Statistik

Regulatory Program:

Other

Cincinnati 205

eurofins - Buffalo
Amherst, NY 14228
Ph (716) 504-9852 Fax: (716) 691-7991

Chain of Custody Record

Environment Testing
America

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

100 W Old Wilson Bridge Rd, Suite 115
Worthington, Ohio 43085

Project Name: TSCA - Quarterly Sampling

Site: CECOS-Aber Rd

P O #

Regulatory Program: DW NPDES RCRA Other:

Project Manager: Mike Gibson

Email: mgibson@eagoninc.com

Tell/Fax: (614) 888-5760/5763

Analysis Turnaround Time

CALENDAR DAYS WORKING DAYS

TAT is different from Below _____

2 weeks

1 week

2 days

1 day

Sample Identification

Sample Date Sample Time

Sample Type (C=Comp, G=Grab)

Matrix

of Cont.

Preservation Used: 1=Ice, 2=HCl; 3=H₂SO₄; 4=HNO₃; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Special Instructions/QC Requirements & Comments:

Client Contact	Project Manager: Mike Gibson	Site Contact: Andrew Thompson	Date: 10/15/22
Eagon & Associates, Inc.	Email: mgibson@eagoninc.com	Lab Contact: Brian Fischer	Carrier: EAGLE - C-11C1
100 W Old Wilson Bridge Rd, Suite 115 Worthington, Ohio 43085 (614) 888-5760 (614) 888-5763	Tell/Fax: (614) 888-5760/5763	Sampler:	For Lab Use Only: <input type="checkbox"/> Walk-in Client Lab Sampling
Project Name: TSCA - Quarterly Sampling	Site: CECOS-Aber Rd	Job / SDG No.: D, C, I, M	
P O #			

Filtered Sample (Y/N)						Sample Specific Notes
Sample	Sample Date	Sample Time	Type (C=Comp, G=Grab)	Matrix	# of Cont.	
U-21	10-3-22	17:30	Grab	G,W	10	N X X X X X X X X
U-22	10-3-22	17:52	Grab	G,W	10	N X X X X X X X X
U-23	10-4-22	09:54	Grab	G,W	10	N X X X X X X X X
U-24	10-4-22	10:29	Grab	G,W	10	N X X X X X X X X
Dup TSCA 1	10-4-22	10:29	Grab	G,W	1	X X X X X X X X
Trip Blank					1	X X X X X X X X

Preservation Used: 1=Ice, 2=HCl; 3=H ₂ SO ₄ ; 4=HNO ₃ ; 5=NaOH; 6= Other	2	2	2	6
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.				
<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Corrosive	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Disposal by Lab
<input type="checkbox"/> Relinquished by <i>Andrew D. Gibson</i>	<input type="checkbox"/> Poison B	<input type="checkbox"/> Unknown	<input type="checkbox"/> Return to Client	<input type="checkbox"/> Archive for Months
<input type="checkbox"/> Relinquished by <i>Matthew J. Kroll</i>				

Sample Seal No.: <i>10/15/22</i>	Received by: <i>Matthew J. Kroll</i>	Cooler Temp. (°C): Obs'd: <i>10/15/22</i>	Corrid: <i>10/15/22</i>	Term ID No.: <i>10/15/22</i>
Company: <i>Eagon & Associates, Inc.</i>	Date/Time: <i>10/15/22 10:11</i>	Company: <i>Matthew J. Kroll</i>	Date/Time: <i>10/15/22 10:11</i>	Company: <i>Matthew J. Kroll</i>
Company: <i>Matthew J. Kroll</i>	Date/Time: <i>10/15/22 10:11</i>	Company: <i>Matthew J. Kroll</i>	Date/Time: <i>10/15/22 10:11</i>	Company: <i>Matthew J. Kroll</i>

Temp 213.0 1.9 # 1CE

Relinquished by <i>Matthew J. Kroll</i>	Received by: <i>Matthew J. Kroll</i>	Received in Laboratory by: <i>Matthew J. Kroll</i>	Received in Laboratory by: <i>Matthew J. Kroll</i>
10/25/2022	10/15/22	10/15/22	10/15/22

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

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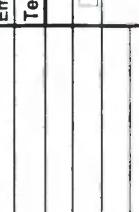
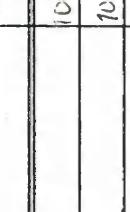
Cincinnati 205

Eurofins - Buffalo
Amherst, NY 14228
Ph: (716) 504-9852 Fax: (716) 691-7991

Chain of Custody Record

eurofins | Environmental Testing
America

Regulatory Program: DW NPDES RCRA Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica									
Client Contact		Project Manager: Mike Gibson		Site Contact: Andrew Thompson		Date: 10/15/22		COC No: COCs	
Eagon & Associates, Inc. 100 W Old Wilson Bridge Rd. Suite 115 Worthington, Ohio 43085 (614) 888-5760 Phone (614) 888-5763 FAX		Email: mgibson@eagontech.com Tel/Fax: (614) 888-5760/5763		Lab Contact: Brian Fischer		Carrier: UPS Carrier		TALS Project #: TALS Project #:	
Analysis Turnaround Time									
CALENDAR DAYS		WORKING DAYS							
<input checked="" type="checkbox"/> TAT if different from Below		<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week		<input type="checkbox"/> 2 days		<input type="checkbox"/> 1 day	
Filtered Sample (Y/N)									
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp., G=Grab)		Matrix	
								# of Cont.	
U-10		10-4-22		16:29		Grab		G	
Duo TSCA 2		10-4-22		16:29		Grab		N	
U-14		10-4-22		17:05		Grab		N	
U-13		10-4-22		17:47		Grab		N	
U-3		10-4-22		18:34		Grab		N	
Duo TSCA 3		10-4-22		18:34		Grab		N	
PCBs (8082A) TOC (9060A) VOCs (8260C) VOCs (8011)									
Sample Specific Notes:									
Preservation Used: 1=Ice, 2=HCl, 3=H ₂ SO ₄ , 4=HNO ₃ , 5=NaOH, 6=Other									
Possessor Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: <input type="checkbox"/>		Custody Seal No.: <input type="checkbox"/>		Cooler Temp. (°C): Obs'd: <input type="checkbox"/>		Cord #: Therm ID No: <input type="checkbox"/>	
Relinquished by: 		Company: Eagon & Associates, Inc. <input type="checkbox"/>		Date/Time: 10/15/22 <input type="checkbox"/>		Received by: 		Company: Eurofins <input type="checkbox"/>	
Relinquished by: 		Company: ECR Consulting <input type="checkbox"/>		Date/Time: 10/15/22 <input type="checkbox"/>		Received by: 		Company: Eurofins <input type="checkbox"/>	
Relinquished by: 		Company: <input type="checkbox"/>		Date/Time: <input type="checkbox"/>		Received by: 		Company: <input type="checkbox"/>	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for: Months									

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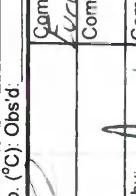
Cincinnati
205

Eurofins - Buffalo
Amherst, NY 14228
Ph: (716) 504-9852 Fax: (716)

Chain of Custody Record

Environment Testing
America

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

TestAmerica Laboratories, Inc. dba Eurofins TestAmerica										
Regulatory Program:		<input type="checkbox"/> DW	<input type="checkbox"/> NPIES	<input type="checkbox"/> RCRA						
Project Manager: Mike Gibson		Site Contact: Andrew Thompson		Date: 10/5/22	COC No _____					
Client Contact		Lab Contact: Brian Fischer		Carrier 200 - Cm	COCs _____		TALS Project # _____			
Eagon & Associates, Inc.				Sampler: <input type="checkbox"/> For Lab Use Only: <input type="checkbox"/>	Walk-in Client: <input type="checkbox"/>		Lab Sampling: <input type="checkbox"/>			
100 W Old Wilson Bridge Rd, Suite 115 Worthington, Ohio 43085				Job / SDG No: <input type="checkbox"/> D. C. 0.7						
Phone: (614) 888-5763 FAX: (614) 888-5763										
Project Name: TSCA - Quarterly Sampling Site: CECOS-Aber Rd P O #										
Analysis Turnaround Time										
<input checked="" type="checkbox"/> CALENDAR DAYS		<input type="checkbox"/> WORKING DAYS								
TAI if different from Below										
<input type="checkbox"/> 2 weeks										
<input type="checkbox"/> 1 week										
<input type="checkbox"/> 2 days										
<input type="checkbox"/> 1 day										
Filtred Sample (V/N)										
VOCs (8260C) TOC (9060A) PCBs (8082A)										
Sample Specific Notes										
Sample Identification		Sample Date	Sample Time	Type (C=Comp, G=Grab)	Matrix	# of Cont.				
U-23		10-4-22	11:14	Grab	<input type="checkbox"/>	10	N	X	X	X
U-24		10-4-22	12:21	Grab	<input type="checkbox"/>	10	N	X	X	X
U-19		10-4-22	13:28	Grab	<input type="checkbox"/>	10	N	X	X	X
U-20		10-4-22	14:00	Grab	<input type="checkbox"/>	10	N	X	X	X
U-11		10-4-22	15:02	<input type="checkbox"/>	<input type="checkbox"/>	10	N	X	X	X
U-12		10-4-22	15:24	<input type="checkbox"/>	<input type="checkbox"/>	10	N	X	X	X
Trip Blank				<input type="checkbox"/>	<input type="checkbox"/>	1	N	X		
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other										
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.										
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Poison A <input type="checkbox"/> Poison B <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Unknown										
Special Instructions/QC Requirements & Comments:										
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: <input type="checkbox"/>		Cooler Temp. (°C): Obs'd: <input type="checkbox"/>		Date/Time: <input type="checkbox"/>	Corrid: <input type="checkbox"/>	Therm ID No.: <input type="checkbox"/>		
Relinquished by: <input type="checkbox"/> Andrew Geller <input type="checkbox"/>		Company: Eagon & Associates, Inc.		Date/Time: <input type="checkbox"/> 10/5/22	Received by: <input type="checkbox"/> 	Company: <input type="checkbox"/> Eurofins	Date/Time: <input type="checkbox"/> 10/5/22	Relinquished by: <input type="checkbox"/>	Company: <input type="checkbox"/>	
Relinquished by: <input type="checkbox"/> 		Company: Eurofins		Date/Time: <input type="checkbox"/> 10/5/22	Received by: <input type="checkbox"/> 	Company: <input type="checkbox"/> Company A	Date/Time: <input type="checkbox"/> 10/10/22	Relinquished by: <input type="checkbox"/>	Company: <input type="checkbox"/>	
Form No. CA-C-WI-002, Rev. 4.35, da										

Cincinnati
2015

Eurofins - Buffalo

Ph. (716) 504-99852 Fax: (716) 691-7991

Chain of Custody Record



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Regulatory Program: DW NPDES RCRA Other:

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-202410-1

Login Number: 202410

List Source: Eurofins Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True	2.9 #1 ICE	6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True		
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	True		

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-202410-1

Login Number: 202411

List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	EAGON
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-202410-1

Login Number: 202457

List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	False	Refer to job narrative for details	5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True		
Samples received within 48 hours of sampling.	False		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	N/A		

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-202410-1

Login Number: 202461

List Source: Eurofins Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Question	Answer	Comment	
Radioactivity either was not measured or, if measured, is at or below background	True		1
The cooler's custody seal, if present, is intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True	2.4 #1 ice	6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the sample IDs on the containers and the COC.	True		11
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		15
Appropriate sample containers are used.	True		16
Sample bottles are completely filled.	True		
Sample Preservation Verified	True		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True		
If necessary, staff have been informed of any short hold time or quick TAT needs	True		
Multiphasic samples are not present.	True		
Samples do not require splitting or compositing.	True		
Sampling Company provided.	True		
Samples received within 48 hours of sampling.	True		
Samples requiring field filtration have been filtered in the field.	True		
Chlorine Residual checked.	True		

Quantitation Limit Exceptions Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-202410-1

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260C	Hexachlorobutadiene	Water	Total/NA	ug/L	1.0	2.0

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

UNDERDRAIN FIELD LOG

Page# 7

Sample Location: U-4
Sampling Program:
TSCA
Lab #
Lab #

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 10/5/11
Start Time: 07:50
End Time: 08:30 08:30
Purge Rate: 5 lpm
Volume Purged: 100 gal
Purged Dry: Yes No
Casing: — inch / — ss — PVC

Personnel Present: D.C.
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 40°/Sunny/Calm

Sampling

Date: 10/5/12
Time Sampled: 08:30
Sample Appearance: Clear
No color

Personnel Present: D.C.
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 40°/Sunny/Calm

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
14.6	6.84	1381	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: 

Date: 10/5/12

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page # -

Sample Location: V-5
Sampling Program: TSCA
Lab #: -
Lab #: -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Sndng/Fwng Water
 Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:
Date: 10/15/12 Personnel Present: D.Cain
Start Time: 02:45 Depth to Bottom: - ft.
End Time: 09:15 Depth to Water: - ft.
Purge Rate: 6.67 ppm Height of Water Column: - ft.
Volume Purged: 20L gal Casing Volume: - gal.
Purged Dry: Yes Level After Purge: - ft.
Casing: - inch - ss - PVC

Weather Conditions: 42°/Sunny/Calm

Sampling
Date: 10/15/12 Personnel Present: D.Cain
Time Sampled: 09:15 Depth to Water: - ft.
Sample Appearance: Clear Recharge Rate: - gal.
no oil or silt Filter #: -
Weather Conditions: 42°/Sunny/Calm

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.2</u>	<u>6.90</u>	<u>1361</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature:

Date: 10/15/12

UNDERDRAIN FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page: _____

Sample Location: V-6
Sampling Program:
TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stand/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation: _____
Date: 10/15/12 Personnel Present: D. Cain
Start Time: 09:15
End Time: 10:00
Depth to Bottom: _____ ft.
Purge Rate: 5.71 gpm Depth to Water: _____ ft.
Volume Purged: 200 gal Height of Water Column: _____ ft.
Purged Dry: Yes Casing Volume: _____ gal.
Casing: _____ inch/ SS - PVC Level After Purge: _____ ft.

Weather Conditions: 47°/Sunny/Calm

Sampling

Date: 10/15/12 Personnel Present: D. Cain
Time Sampled: 10:00
Sample Appearance: Clear
No Odor Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____ Diss O₂: _____

Weather Conditions: 47°/Sunny/Calm

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.3</u>	<u>6.96</u>	<u>1326</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: Z. S.

Date: 10/15/12

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

UNDERDRAIN FIELD LOG

Page# _____
 Matrix Spike TSCA
 Matrix Spike TSCA DVP
 TSCA
 Lab # _____
 Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Standg/Fwng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 10/5/22
 Start Time: 09:25
 End Time: 10:00
 Purge Rate: 5.71 gpm
 Volume Purged: 0.01 gal
 Purgd Dry: Yes
 Casing: — inch — SS — PVC

Personnel Present: D. C. m
 Depth to Bottom: — ft.
 Depth to Water: — ft.
 Height of Water Column: — ft.
 Casing Volume: — gal.
 Level After Purge: — ft.

Weather Conditions: 47°/Sunny/Calm

Sampling

Date: 10/5/22
 Time Sampled: 10:00
 Sample Appearance: Clear
At Casing

Personnel Present: D. C. m
 Depth to Water: — ft.
 Recharge Rate: — gal.
 Filter #: —
 Diss O₂: —

Weather Conditions: 47°/Sunny/Calm

Comments: Collected at 10:00

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
15.3	6.96	1326	

Container Number	Size (ml)	Type pt/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: 

Date: 10/5/22

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: Field Blank TSCA
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other: Lab Supplied Water

~~Evacuation:~~

Date: / /
Start Time:
End Time:
Purge Rate:
Volume Purged:
Purged Dry:
Casing: inch SS PVC

Personnel Present:

Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

~~Weather Conditions:~~

~~Sampling~~

Date: 10/15/12
Time Sampled: 10:25
Sample Appearance: clear
NO odor

Personnel Present: D-Cain
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂: -

~~Weather Conditions:~~

50°/Sunny/Calm

Comments:

Sampled by pouring lab supplied chlorinated water directly into sample containers near lab building

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
19.4	8.32	50.57	0.75

Container Number	Size ml	Type mL/g	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x350	amber glass	Cool	PCBs

Signature: 

Date: 10/15/12

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SURFACE WATER FIELD LOG

Page# _____

Sample Location: L-2
Sampling Program: TSCA
Lab # _____
Lab # _____
Leachate Standpipe _____
 Stream _____
Pond _____
Leak Detector _____
Other _____

Sample Source: Monitoring Well
 Underdrain _____
 Leachate Standpipe _____
 Stream _____
Leak Detector _____
Other _____

Sample Type: Grab _____
 Composite _____
 Dipping Bottle Stndng/Flwng Water _____
Sample Equipment: Grundfos Pump _____
 Electric Pump _____
 Venturi Pump _____
 Bailer _____
Other: _____

Evacuation:
Date: 1/1
Start Time: 10:57
End Time: 11:00
Purge Rate: 50ml/min
Volume Purged: 50 ml
Purged Dry: Yes/No
Casing: 1 inch SD PVC

Personnel Present:
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: _____

Sampling
Date: 10/15/22
Time Sampled: 12:57
Sample Appearance: Colorless
No odor

Personnel Present:
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 63°/sunny/Calm

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.2</u>	<u>7.73</u>	<u>639</u>	<u>117</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature:

Date: 10/15/22

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SURFACE WATER FIELD LOG

Page# _____

Sample Location: C-6

Sampling Program: TSCA

Lab #: _____

Lab #: _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Excavations:

Date: 10/5/22
Start Time: 11:55
End Time:
Purge Rate: gpm
Volume Purged: gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present: _____
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Drilling Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions:

Sampling

Date: 10/5/22
Time Sampled: 11:55
Sample Appearance: clear no odor
Slight vegetat MAT

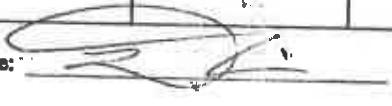
Personnel Present: D.Cain
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____
Diss O₂: _____

Weather Conditions: 60°/sunny/Calm

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>12.5</u>	<u>7.44</u>	<u>549</u>	<u>2.20</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>	
<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>	
<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>	
<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>	

Signature: 

Date: 10/5/22

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SURFACE WATER FIELD LOG

Page# _____

Sample Location: 1-9
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain X Stream Pond Other

Sample Type: X Grab Composite X Dipping Bottle Standng/Piwing Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other: _____

Evacuation:

Date: 10/5/22
Start Time: 13:25
End Time: 13:45
Purge Rate: gpm
Volume Purged: gal
Purged Dry: Yes/No
Casing: inch SS PVC

Personnel Present:

Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Gaging Volume: gal.
Level After Purge: ft.

Weather Conditions: _____

Sampling

Date: 10/5/22
Time Sampled: 13:25
Sample Appearance: clear
no odor

Personnel Present: D.C.A.
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂

Weather Conditions: 65°/sunny/calm

Comments:

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>15.5</u>	<u>7.63</u>	<u>149</u>	<u>6.45</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 10/5/22

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SURFACE WATER FIELD LOG

Sample Location: PL C-10
 Sampling Program: L-12
 TSCA
 Lab # _____
 Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composites Dipping Bottle Standg/Flyng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other: _____

Evacuation:

Date: 10/15/22
 Start Time: _____
 End Time: _____
 Purge Rate: _____ gpm
 Volume Purged: _____ gal
 Purged Dry: Yes/No _____
 Casing: inlay SS PVC

Personnel Present:

Depth to Bottom: _____ ft.
 Depth to Water: _____ ft.
 Height of Water Column: _____ ft.
 Casing Volume: _____ gal.
 Level After Purge: _____ ft.

Weather Conditions:

Sampling

Date: 10/15/22
 Time Sampled: 12:30
 Sample Appearance: Clear - No odor
Slight heat

Personnel Present: D.C. & A
 Depth to Water: _____ ft.
 Recharge Rate: _____ gal.
 Filter #: _____
 Diss O₂: _____

Weather Conditions:

62°/sunny/calm

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (µmhos/cm)	Turbidity (NTU)
12.7	7.70	558	1.79

Container Number	Size ml	Type pH/gi	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: Z. G.

Date: 10/15/22

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SURFACE WATER FIELD LOG

Page# C-12

C-10

Sample Location:
Sampling Program:
TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 10/5/22
Start Time: —
End Time: —
Purge Rate: 10ml/min
Volume Purged: — gal
Purged Dry: Yes/No
Casing: inch SS EVC

Personnel Present:

Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions:

Sampling

Date: 10/5/22
Time Sampled: —
Sample Appearance: —

Personnel Present:
Depth to Water:
Recharge Rate:
Filter #:

D. Lain
ft.
gal.
Diss O₂: —

Weather Conditions:

62°/sunny/calm

Comments:

(C-12)
C-10 Dr. No sample collected!

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
—	—	—	—
—	—	—	—
—	—	—	—
—	—	—	—

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—

Signature:

Date: 10/5/22

UNDERDRAIN FIELD LOG

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Page# _____

Sample Location: U-15
Sampling Program:
TSCA
Lab # _____
Lab # _____

Sample Source:	<input checked="" type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Standing/Floating Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bellor	<input type="checkbox"/> Other:	

Evacuation:

Date: 10/3/22
Start Time: 15:57
End Time: 14:10
Purge Rate: 14.37 ppm
Volume Purged: 200 ml
Purged Dry: Yes
Casing: — inch/ — SS — PVC

Personnel Present: D-Lair
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 65°/sunny/9 mph S

Sampling

Date: 10/3/22
Time Sampled: 14:10
Sample Appearance: Clear
No odor

Personnel Present: D-Lair
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 65°/sunny/9 mph S

Comments: pH and Sample water effervescent

Temperature (°C)	pH S.U.	Specific Conductance (µmhos/cm)	Turbidity (NTU)
—	—	—	—
—	—	—	—
—	—	—	—
13.9	0.57	2460	—

Container Number	Size ml	Type p/v/g	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature:

Date: 10/3/22

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location:
Sampling Program:

U-17
TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water Venturi Pump

Sample Equipment: Grundfos Pump Electric Pump Other: _____

Evacuation:
Date: 10/3/22
Start Time: 14:15
End Time: 14:30
Purge Rate: 16.67 ppm
Volume Purged: 200 ml
Purged Dry: Yes
Casing: inch SS PVC

Personnel Present: D.C.
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: 65°/Sunny/ Wind S

Sampling

Date: 10/3/22
Time Sampled: 14:30
Sample Appearance: Clear
No odor

Personnel Present: D.C.
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____
Diss O₂: _____

Weather Conditions: 65°/Sunny/ Wind S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.0	6.81	2360	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 10/3/22

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-16
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Standg/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baile

Evacuation:

Date: 10/3/22
Start Time: 15:02
End Time: 15:44
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: inch/ SS PVC

Personnel Present: D. Cain
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal
Level After Purge: _____ ft.

Weather Conditions: 63°/Sunny/Brth S

Sampling

Date: 10/3/22
Time Sampled: 15:14
Sample Appearance: clear
no odor

Personnel Present: D. Cain
Depth to Water: _____ ft.
Recharge Rate: _____ gal
Filter #: _____
Diss O₂: _____

Weather Conditions: 63°/Sunny/Brth S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
14.1	6.71	2460	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 2 X

Date: 10 / 3 / 22

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UNDERDRAIN FIELD LOG

Page# 10

Sample Location: U-18
Sampling Program:
TSCA
Lab #
Lab #

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector
 Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other:

Evacuation:

Date: 10/3/22
Start Time: 15:22
End Time: 15:34
Purge Rate: 16.67 rpm
Volume Purged: 2000 ml
Purged Dry: Yes
Casing: -- inch/ -- SS - PVC

Personnel Present: D.Cain
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal
Level After Purge: -- ft.

Weather Conditions: 63°/sunny/Earth S

Sampling

Date: 10/3/22
Time Sampled: 15:34
Sample Appearance: clear
no odor

Personnel Present: D.Cain
Depth to Water: -- ft.
Recharge Rate: -- gal
Filter #: --
Diss O₂: --

Weather Conditions: 63°/sunny/Earth S

Comments: Purge and sample water effluent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.3</u>	<u>6.88</u>	<u>1719</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>3x50</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>

Signature: 

Date: 10/3/22

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UNDERDRAIN FIELD LOG

Page#

Sample Location: U-22A

Sampling Program: TSCA

Lab #:

Lab #:

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Standg/Flwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other:	

Evacuation:

Date: 10/3/22
 Start Time: 16:08
 End Time: 16:26
 Purge Rate: 16.67 gpm
 Volume Purged: 20X gal.
 Purged Dry: Yes
 Casing: inch/ SS/ PVC

Personnel Present:

D. Cain

Depth to Bottom: ft.
 Depth to Water: ft.
 Height of Water Column: ft.
 Casing Volume: gal.
 Level After Purge: ft.

Weather Conditions: 67°/sunny/1 mph S

Sampling

Date: 10/3/22
 Time Sampled: 16:26
 Sample Appearance: Clear
No odor

Personnel Present:
D. Cain
 Depth to Water:
 ft.
 Recharge Rate:
 gal.
 Filter #:

Weather Conditions: 67°/sunny/1 mph S

Diss O₂:

Comments:

Purge and Sample water effervescent

Temperature (°C)	pH S.U.	Specific Conductance (µmhos/cm)	Turbidity (NTU)
<u>21.2</u>	<u>6.87</u>	<u>1893</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u> </u>	<u>3x10</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x20</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Signature:

Date: 10/3/22

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UNDERDRAIN FIELD LOG

Page# 1

Sample Location: U-21A
Sampling Program:
TSCA
Lab #
Lab #

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailler Other:

Evacuation:

Date: 10/3/22
Start Time: 16:31
End Time: 16:43
Purge Rate: 16.67 ppm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: inch 98 PVC

Personnel Present: D.C.-J
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal
Level After Purge: - ft.

Weather Conditions: 67°/sunny/9 mph S

Sampling

Date: 10/3/22
Time Sampled: 16:43
Sample Appearance: Clear
No odor

Personnel Present: D.C.-J
Depth to Water: - ft.
Recharge Rate: - gal
Filter #: -
Diss O₂: -

Weather Conditions: 67°/sunny/9 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.3</u>	<u>7.27</u>	<u>1000</u>	

Container Number	Size/ml	Type ml/gl	Preservation	Parameters/Comments
-	3x9	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x0	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 10/3/22

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-21
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Standing/Flowing Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bell Jar Other: _____

Evacuation:

Date: 10/3/21
Start Time: 17:18
End Time: 17:30
Purge Rate: 16.67 gpm
Volume Purged: 4000 gal
Purged Dry: Yes
Casing: ~ inch / ~ 35 PVC

Personnel Present: D.C.m
Depth to Bottom: ~ ft.
Depth to Water: ~ ft.
Height of Water Column: ~ ft.
Casing Volume: ~ gal
Level After Purge: ~ gal

Weather Conditions: 67°/sunny/weak S

Sampling

Date: 10/3/22
Time Sampled: 17:30
Sample Appearance: clear
No odor

Personnel Present: D.C.m
Depth to Water: ~ ft.
Recharge Rate: ~ gal
Filter #: ~ Diss O₂: ~

Weather Conditions: 67°/sunny/weak S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
14.3	7.27	131	

Container Number	Size ml	Type pl/gt	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature

Date: 10/3/22

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UNDERDRAIN FIELD LOG

Page# 1

Sample Location: U-22
Sampling Program: TSCA

Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle String/Flooding Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other:

Evacuation:
Date: 10/3/22 Personnel Present: D. C. in
Start Time: 17:44 Depth to Bottom: ft.
End Time: 17:56 Depth to Water: ft.
Purge Rate: 16.67 gpm Height of Water Column: ft.
Volume Purged: 200 gal Casing Volume: gal.
Purged Dry: Yes/No Level After Purge: ft.
Casing: inch/ SS PVC

Weather Conditions: 68°/sunny/8inhs

Sampling
Date: 10/3/22 Personnel Present: D. C. in
Time Sampled: 17:52 Depth to Water: ft.
Sample Appearance: Clear Recharge Rate: gal.
no odor Filter #:
Diss O₂:

Weather Conditions: 68°/sunny/8inhs

Comments: Sample and purge water effervescence

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.5</u>	<u>7.6</u>	<u>2150</u>	

Container Number	Size ml:	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: J.

Date: 10/3/22

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UNDERDRAIN FIELD LOG

Page# 101

Sample Location: U-21
Sampling Program:
TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/Floating Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailor Other:

Evacuation:

Date: 10/14/22
Start Time: 09:43
End Time: 09:51
Purge Rate: 16.6 l/min
Volume Purged: 200 ml
Purged Dry: Yes/No
Casing: - inch/ - ss - PVC

Personnel Present: D.C. in
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 42°F/Sunny/Calm

Sampling

Date: 10/14/22
Time Sampled: 09:51
Sample Appearance: clear
No odor

Personnel Present: D.C. in
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 42°F/Sunny/Calm

Comments:

Purged and Sample water effervescent

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
14.4	6.71	1962	

Container Number	Size ml	Type pVial	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 10/14/22

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-25
Sampling Program: TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 10/4/22
Start Time: 10:08
End Time: 10:29
Purge Rate: 7.7 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: inch SS PVC

Personnel Present: D.Lin
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 74°C / sunny / calm

Sampling

Date: 10/4/22
Time Sampled: 10:29
Sample Appearance: Clear
no odor

Personnel Present: D.Lin
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 74°C / sunny / calm

Comments: Purge and sample water effervescent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>5.1</u>	<u>6.7</u>	<u>1543</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 10/4/22

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UNDERDRAIN FIELD LOG

Page# _____

Dup TSCA 1

TSCA

Lab # _____

Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Pwng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 10/4/22
 Start Time: 10:00 AM
 End Time: 10:29
 Purge Rate: 7.1 gpm
 Volume Purged: 200 gal
 Purged Dry: Yes/No
 Casing: 1 inch - SS - PVC

Personnel Present: D.C.
 Depth to Bottom: _____ ft.
 Depth to Water: _____ ft.
 Height of Water Column: _____ ft.
 Casing Volume: _____ gal.
 Level After Purge: _____ ft.

Weather Conditions: 2.280 40°/Sunny/Calm

Sampling

Date: 10/4/22
 Time Sampled: 10:29
 Sample Appearance: Clean
No odor

Personnel Present: D.C.
 Depth to Water: _____ ft.
 Recharge Rate: _____ gal.
 Filter #: _____ Diss O₂: _____

Weather Conditions: 40°/Sunny/Calm

Comments:

Collected @ U-25
pH and sample water effervescent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>5.1</u>	<u>6.79</u>	<u>1543</u>	

Container Number	Size ml	Type vial	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: Z.D.

Date: 10/4/22

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-10
 Sampling Program:
 Lab # _____
 Lab # _____
 TSCA _____
 Leachate Standpipe _____
 Stream _____
 Leak Detector _____
 Pond _____
 Other _____

Sample Source: Monitoring Well
 Underdrain

Sample Type: Grab Composite Dipping Bottle Strndg/Fwng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailler Other: _____

Evacuation:
 Date: 10/4/22
 Start Time: 16:09
 End Time: 16:29
 Purge Rate: 10 gpm
 Volume Purged: 200 gal
 Parged Dry: Yes
 Casing: — inch — SS — PVC

Personnel Present: D.C. in
 Depth to Bottom: — ft.
 Depth to Water: — ft.
 Height of Water Column: — ft.
 Casing Volume: — gal.
 Level After Purge: — ft.

Weather Conditions: 69°/sunny/ 7 mph S

Sampling

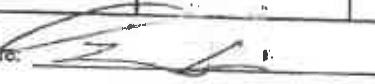
Date: 10/4/22
 Time Sampled: 16:29
 Sample Appearance: Clear
no odor
 Weather Conditions: 69°/sunny/ 7 mph S

Personnel Present: D.C. in
 Depth to Water: — ft.
 Recharge Rate: — gal.
 Filter #: —
 Diss O₂: —

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.6</u>	<u>7.29</u>	<u>1067</u>	

Container Number	Size ml	Type pVgl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: 

Date: 10/4/22

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UNDERDRAIN FIELD LOG

Page# 101

Sample Location: DUP TSCA 2
Sampling Program: TSCA

Lab # -
Lab # -

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Boiler Other:

Evacuation:

Date: 10/4/22
Start Time: 16:29
End Time: 16:29
Purge Rate: 100 ml/min
Volume Purged: 200 ml
Purged Dry: Yes No
Casing: 1 inch SS -- PVC

Personnel Present: D.C.W.
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 69°/sunny/7 mph S

Sampling

Date: 10/4/22
Time Sampled: 16:29
Sample Appearance: Clear
No odor

Personnel Present: D.C.W.
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 69°/sunny/7 mph S

Comments: Collected C 0-10

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
14.6	7.29	1067	

Container Number	Size: ml	Type: pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: S. J. W.

Date: 10/4/22

UNDERDRAIN FIELD LOG

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Page# 1

Sample Location: U-14
Sampling Program: ISCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 10/4/22
Start Time: 16:50
End Time: 17:05
Purge Rate: 13.33 ml/min
Volume Purged: 200 ml
Purged Dry: Yes
Casing: — in. — SS — PVC

Personnel Present:

DC, M

Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 69°/Sunny/8 mph S

Sampling

Date: 10/4/22
Time Sampled: 17:05
Sample Appearance: clear
no odor

Personnel Present:
Depth to Water:
Recharge Rate:
Filter #:

DC, M
— ft.
— gal.
— Diss O₂: —

Weather Conditions: 69°/Sunny/8 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.4	6.99	1054	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	10 / 2x250	amber glass	Cool	PCBs

Signature: 

Date: 10/4/22

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UNDERDRAIN FIELD LOG

Page: _____

Sample Location: U-13
Sampling Program:
TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/Floating Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baler Other: _____

Evacuation:

Date: 10/14/22
Start Time: 17:35
End Time: 17:47
Purge Rate: 16.67 ppm
Volume Purged: 200 gal
Purged Dry: Y
Casing: - Jack/ - SS - PVC

Personnel Present:

D.C.

Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 69°/sunny/8mph S

Sampling

Date: 10/14/22
Time Sampled: 17:47
Sample Appearance: Clear
no odor

Personnel Present: D.C.
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -

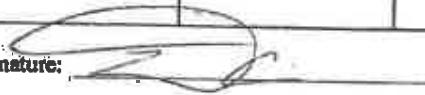
Weather Conditions: 69°/sunny/8mph S

Diss O₂: -

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
14.5	6.88	1083	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 10/14/22

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-3

TSCA _____

Lab # _____

Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 10/4/22
Start Time: 18:16
End Time: 18:34
Purge Rate: 3.3 gpm
Volume Purged: 201.1 gal
Purged Dry: Yes
Casing: — inch — SS — PVC

Personnel Present: D.Cain
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: 69°/Sunny/7 mph S

Sampling

Date: 10/4/22
Time Sampled: 18:34
Sample Appearance: Clear
no odor

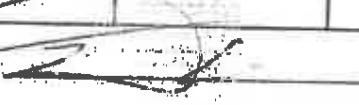
Personnel Present: D.Cain
Depth to Water: _____ ft.
Recharge Rate: _____
Filter #: _____
Diss O₂: _____

Weather Conditions: 69°/Sunny/7 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.5</u>	<u>6.94</u>	<u>116.2</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: 

Date: 10/4/22

UNDERDRAIN FIELD LOG

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Page#

Sample Location: DUP TSCA 3
Sampling Program: TSCA
Lab #
Lab #

Sample Source:	<input checked="" type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Stndng/Fwng Water
Sample Equipment:	<input checked="" type="checkbox"/> Grundfos Pump	<input type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input checked="" type="checkbox"/> Duster	<input type="checkbox"/> Other:	

Evacuation:

Date: 10/4/12
 Start Time: 18:10
 End Time: 18:34
 Purge Rate: 8.33 gpm
 Volume Purged: 2000 gal
 Purged Dry: Yes No
 Casing: inch ft PVC

Personnel Present: D.C.A.
 Depth to Bottom: ft.
 Depth to Water: ft.
 Height of Water Column: ft.
 Casing Volume: gal.
 Level After Purge: ft.

Weather Conditions: 69°/Sunny/7 mph S

Sampling

Date: 10/4/12
 Time Sampled: 18:21
 Sample Appearance: clear
no odor

Personnel Present: D.C.A.
 Depth to Water: ft.
 Recharge Rate: gal.
 Filter #:
 Diss O₂:

Weather Conditions: 69°/Sunny/7 mph S

Comments:

Collected at U-3

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>14.5</u>	<u>6.94</u>	<u>116.2</u>	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 10/4/12

UNDERDRAIN FIELD LOG

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Page# _____

Sample Location: U-23
Sampling Program:
TSCA
Lab #
Lab #
Leachate Standpipe
Stream
Leak Detector
Pond
Other
Composite
Dipping Bottle Stndng/Flwng Water
Electric Pump
Venturi Pump
Other:

Sample Source:

Monitoring Well
 3x40 Underdrain
 4x4
 Grab
 Grundfos Pump
 Bailer

Leachate Standpipe
Stream

Leak Detector
Pond
Other

Sample Type:

Composite

Dipping Bottle Stndng/Flwng Water

Sample Equipment:

Grundfos Pump
 Bailer

Electric Pump
 Other:

Venturi Pump

Evacuation:

Date: 10/4/92
Start Time: 10:30 AM
End Time: 11:14
Purge Rate: 1 gpm
Volume Purged: 246.1 gal.
Purged Dry: Yes/No
Casing: — inch/ SS — PVC

Personnel Present:

D.L.A.

Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions:

50% sunny/ calm

Sampling

Date: 10/4/92
Time Sampled: 11:14
Sample Appearance: Clear —
no odor

Personnel Present:

D.L.A.

Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions:

50% sunny/ calm

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.8</u>	<u>6.99</u>	<u>1017</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 10/4/92

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UNDERDRAIN FIELD LOG

Page# 1

Sample Location: U-24
Sampling Program: TSCA
Lab #: -
Lab #: -

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailex Other:

Evacuation:

Date: 10/14/22
Start Time: 12:00
End Time: 12:21
Purge Rate: 15.38 mm
Volume Purged: 2016 ml
Purged Dry: Yes
Casing: 1 inch - PVC

Personnel Present:

D. Cain

Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 56°/Sunny/5 mph S

Sampling

Date: 10/14/22
Time Sampled: 12:21
Sample Appearance: Clear
No odor

Personnel Present:
Depth to Water:
Recharge Rate:
Filter #:

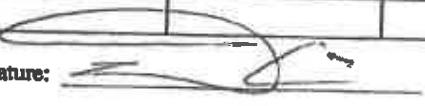
D. Cain
- ft.
- gal.
- Diss O₂: -

Weather Conditions: 56°/Sunny/5 mph S

Comments:

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>14.4</u>	<u>6.56</u>	<u>1875</u>	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 10/14/22

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-19
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:
Date: 10/4/22 Personnel Present: D.C.n
Start Time: 13:16 Depth to Bottom: _____ ft.
End Time: 13:28 Depth to Water: _____ ft.
Purge Rate: 11.67 gal/min Height of Water Column: _____ ft.
Volume Purged: 200 gal Casing Volume: _____ gal
Purged Dry: Yes/No Level After Purge: _____ ft.
Casing: - inch - ss - PVC

Weather Conditions: 64°/sunny/5 mph S

Sampling
Date: 10/4/22 Personnel Present: D.C.n
Time Sampled: 13:28 Depth to Water: _____ ft.
Sample Appearance: Clear Recharge Rate: _____ gal.
no odor Filter #: _____ Diss O₂: _____

Weather Conditions: 64°/sunny/5 mph S

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.3	7.08	411	

Container Number	Size ml	Type pV/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: _____

Date: 10/4/22

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-20
Sampling Program:
TSCA
Lab #: _____
Lab #: _____

3x40
2x40
2x250

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 10/4/22
Start Time: 13:45
End Time: 14:00
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: - inch/- SS - PVC

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal
Level After Purge: - ft.

Weather Conditions: 64°/sunny/5 mph S

Sampling

Date: 10/4/22
Time Sampled: 14:00
Sample Appearance: Clean
no odor

Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 64°/sunny/5 mph S

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (µmhos/cm)	Turbidity (NTU)
14.5	7.17	1690	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 10/4/22

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UNDERDRAIN FIELD LOG

Page#

Sample Location: U-11
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle	<input type="checkbox"/> Standing/Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump	<input type="checkbox"/> Other: _____
	<input type="checkbox"/> Bailer			

Evacuation:				
Date:	<u>10/4/22</u>	Personnel Present:	<u>D. Cain</u>	
Start Time:	<u>14:50</u>	Depth to Bottom:	<u> </u> ft.	
End Time:	<u>15:02</u>	Depth to Water:	<u> </u> ft.	
Purge Rate:	<u>16.67 gpm</u>	Height of Water Column:	<u> </u> ft.	
Volume Purged:	<u>200 gal</u>	Casing Volume:	<u> </u> gal.	
Purged Dry:	<u>Yes</u> <u>No</u>	Level After Purge:	<u> </u> ft.	
Casing:	<u> </u> incl/ <u> </u> SS <u> </u> PVC			

Weather Conditions: 67°/sunny/Cmph 5

Sampling				
Date:	<u>10/4/22</u>	Personnel Present:	<u>D. Cain</u>	
Time Sampled:	<u>15:02</u>	Depth to Water:	<u> </u> ft.	
Sample Appearance:	<u>Clear</u>	Recharge Rate:	<u> </u> gal.	
	<u>no bubbles</u>	Filter #:	<u> </u>	
Weather Conditions:	<u>67°/sunny/Cmph 5</u>			

Comments: Purge and Sample under equipment

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.5</u>	<u>6.86</u>	<u>1238</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature:

Date: 10/4/22

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-12
Sampling Program:
TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector
 Other

Sample Type: Grab Composite Dipping Bottle Standng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 10/31/22
Start Time: 15:12
End Time: 15:24
Purge Rate: 1 liter/min
Volume Purged: 2000 ml
Purged Dry: Yes No
Casing: - inch/ - SS - PVC

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 68°/sunny/5 mph S.

Sampling

Date: 10/4/22
Time Sampled: 15:24
Sample Appearance: Clear
no color

Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: - mg/l

Weather Conditions: 68°/sunny/5 mph S.

Comments: pure and sample water effervescent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.4	6.87	1142	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: Z. Cain

Date: 10/4/22

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LEAK DETECTOR FIELD LOG

Page # _____

Sample Location: LD-4
Sampling Program: TSCA
 Lab # _____
 Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 10/4/22
Start Time: 06:28
End Time: 07:26
Purge Rate: 10 gpm
Volume Purged: 200 ml
Purged Dry: Yes
Casing: 1 inch SS PVC

Personnel Present: 12 Gain
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: 38°/sunny/Calm

Sampling

Date: 10/4/22
Time Sampled: 06:28
Sample Appearance: Clear
No odor

Personnel Present: 12 Gain
Depth to Water: _____ ft.
Recharge Rate: _____ ft.
Filter #: _____
Diss O₂: _____

Weather Conditions: 38°/sunny/Calm

Comments: Purge and sample water effluent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.6</u>	<u>6.53</u>	<u>1750</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: 

Date: 10/4/22

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LEAK DETECTOR FIELD LOG

Page# _____

Sample Location: LD-3
Sampling Program: TSCA
Lab #: xx
Lab #: xx

Sample Source:	<input type="checkbox"/> Monitoring Well <input type="checkbox"/> Underdrain	<input type="checkbox"/> Leachate Standpipe <input type="checkbox"/> Stream	<input checked="" type="checkbox"/> Leak Detector <input type="checkbox"/> Pond	<input type="checkbox"/> Other
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Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle	<input type="checkbox"/> Studng/FIwg Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump	<input type="checkbox"/>
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other:		

Evacuation:	Date: <u>10/4/22</u>	Personnel Present: <u>D.C. : n</u>
	Start Time: <u>08:35</u>	Depth to Bottom: <u>—</u> ft.
	End Time: <u>08:50</u>	Depth to Water: <u>—</u> ft.
	Purge Rate: <u>8 gpm</u>	Height of Water Column: <u>—</u> ft.
	Volume Purged: <u>200 gal</u>	Casing Volume: <u>—</u> gal.
	Purged Dry: <u>Yes/No</u>	Level After Purge: <u>—</u> ft.
Casing:	<u>6 in</u> <u>SS</u> <u>PVC</u>	

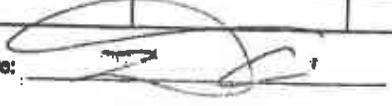
Weather Conditions: 39°/Sunny/C-1m

Sampling	Date: <u>10/4/22</u>	Personnel Present: <u>D.C. : n</u>
	Time Sampled: <u>08:50</u>	Depth to Water: <u>—</u> ft.
	Sample Appearance: <u>clear</u>	Recharge Rate: <u>—</u> gal.
	<u>no color</u>	Filter #: <u>—</u>
Weather Conditions:	<u>39°/SUNNY/C-1m</u>	Diss O ₂ : <u>—</u>

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.8</u>	<u>6.65</u>	<u>1951</u>	

Container Number	Size ml	Type ml/g	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool.	PCBs

Signature: 

Date: 10/4/22

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LEAK DETECTOR FIELD LOG

Page#

LD-1

TSCA

Lab #

Lab #

Sample Source: Monitoring Well Leachate Standpipe X Leak Detector
Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump X Electric Pump Venturi Pump
Bailer Other:

Evacuation:

Date: 10/14/22
Start Time: 11:30
End Time: 11:50
Purge Rate: 10 gpm
Volume Purged: 2000 gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present:

D. Cain

Depth to Bottom:

 ft.

Depth to Water:

 ft.

Height of Water Column:

 ft.

Casing Volume:

 gal.

Level After Purge:

 ft.

Weather Conditions: 52°/Sunny/South S

Sampling

Date: 10/14/22
Time Sampled: 11:50
Sample Appearance: Clear
no odor

Personnel Present:

D. Cain

Depth to Water:

 ft.

Recharge Rate:

 gal.

Filter #:

 Diss O₂:

Weather Conditions: 52°/Sunny/South S

Comments: purge and sample water effluent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>15.2</u>	<u>6.25</u>	<u>2530</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>12x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature:

Date: 10/14/22

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LEAK DETECTOR FIELD LOG

Page # _____

Sample Location: LD-2
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Leachate Standpipe X Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 10 / 11 / 22
Start Time: 11 : 25
End Time: 11 : 35
Purge Rate: 100 L/min
Volume Purged: 75 gal
Purged Dry: Yes/No
Casing: inch SS PVC

Personnel Present: D.C. & A
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: 52°/sunny/5 mph

Sampling

Date: 10 / 14 / 22
Time Sampled: 11 : 55
Sample Appearance: Clear
No odor

Personnel Present: D.C. & A
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____ Diss O₂: _____

Weather Conditions: 52°/sunny/5 mph

Comments: Sample water effervescent

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
15.1	6.55	2050	

Container Number	Size ml	Type mL/g	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature:

Date: 10 / 14 / 22